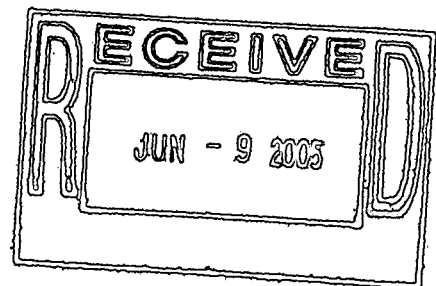


Final Project Closeout Report For Building 559 Cluster

Revision: 0

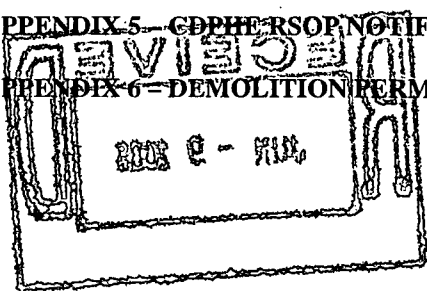
June 2005



ADMIN RECORD

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I. Introduction

The 559 Cluster was located on the north half of the Rocky Flats Environmental Technology Site (RFETS), just to the west of Building 707. The structures within the 559 Cluster consist of Buildings 559, 562, 561 and 528.

Building 559 was the largest building in this cluster and was built to house plutonium analytical laboratories. Building 559 was constructed in 1967 and had a floor area of approximately 32,600 sq. ft. The Plutonium Analytical Laboratory was first operated in 1968. The building was a rectangular single story structure constructed of reinforced concrete block. The original building was 240 ft. long by 120 ft. wide.

Three additions were made to the original building structure. The first addition, in 1969, added the dock area on the South wall of the original structure and room 103E. A subsequent addition, in 1971, added the lunch room, women's locker room and a storage room. The third addition, in 1973, added the 561 Filter Plenum Building. The vertical framing of the building consisted of poured-in-place reinforced concrete columns standing on footing slabs. Reinforcing steel rods tied these columns to both the foundation slabs and foundation walls. The south exterior wall of the building was reinforced concrete block construction. The roof was reinforced concrete beams resting on the vertical structural columns supports. The floor was a poured reinforced concrete. Two underground tunnels served the 559 building. The first served as an air re-circulation tunnel. The tunnel ran east to west under the laboratory area. This tunnel was 192 feet long. A second 26 foot tunnel connected the southeast corner of Building 559 to the filter plenums in Building 561.

Building 561 was a one story building 61 feet wide by 93 feet long. It was connected to 559 via a tunnel at the southeast corner of the building. A Fire Water Plenum Deluge Tank was located in Building 561. This was a 2000-gallon raschig ring filled tank for fire water plenum deluge storage. Building 561 contained four separate filter plenums. The floor was poured reinforced concrete.

Building 562 was a small one story building housing the emergency generator supporting the 559 complex ventilation systems. The building was located east of building 561. The generator, batteries and fuel tanks were removed by PU&D for sale.

Building 528 was the former waste holding pit for liquid waste from Building 559 and 561. The structure was located approximately 80 percent below grade, with a small vestibule and stairwell providing access to the building. 528 Building was located directly south east of Building 559.

Closure of the facility was completed in accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RFCA RSOP) for Component Removal, Size Reduction and Decontamination Activities and Facility Disposition. Integrated Work

Control Program (IWCP) procedures were followed during building decontamination and decommissioning. RSOP Notification letters are included in Appendix 5.

Pre-Demolition Survey Report (PDSR) and Reconnaissance Level Characterization Report (RLCR) approval letters are included in Appendix 3.

II. Action Description

Prior to deactivation activities, 559 was a single use facility housing the site Plutonium Analytical Laboratory. The lab activities were phased out through off site contracts and reduced sample load as the site was closed down. The final lab samples were received at the end of December 2003. Analytical Lab operations in Building 559 were completed in January 2004.

The 559 facility (including 561 and 528 buildings) was determined to be a Type 2 RFCA facility. The basic deactivation strategy was to shut down Analytical Laboratory operations and deactivate the facility. Because of the Site's need for Analytical Laboratory support, the lab operated in a reduced capacity during the early stages of facility deactivation. The lab identified individual glovebox lines that were no longer required for lab operation and deactivation was started on these lines while the lab continued to operate in other lines in the facility. As the lab shut down its operations, laboratory equipment, supplies and waste were removed from the process area and glovebox lines. The majority of these materials were disposed of as SCO waste. All materials were segregated and dispositioned per Site programs. RCRA regulated items were removed and dispositioned in accordance with state, federal, and site requirements. There was an issue identified on the proper closure of some permitted RCRA storage and treatment locations – see section VIII of this report for further information.

The 559 cluster was divided into appropriate dismantlement sets and decommissioning areas. Dismantlement sets and decommissioning areas served as the foundation for scheduling decommissioning work. Dismantlement consisted of planning, disassembly and removal of equipment components and satisfactory packaging/shipment of the resulting waste.

Dismantlement sets consisted of small groupings of facility components containing removable contamination less than 2000 dpm. Table 1 indicates the dismantlement set numbers and a brief description of those sets. Dismantlement sets included scope to remove process equipment and associated items, but left in place elements needed for safety and convenience of the workers performing activities in the areas. For example, fire suppression and alarm systems, ambient lighting, domestic water, sanitary drains, and various tools were among the items left in place after dismantlement. Asbestos throughout the facilities was removed per state and Site requirements.

The primary infrastructure in the facility was a system of gloveboxes connected to an air duct/plenum system providing negative atmospheric pressure during operations. The analytical work in Building 559 was primarily accomplished inside these steel gloveboxes. Removal of the glovebox systems (including ducting and support utilities) was accomplished via the following steps:

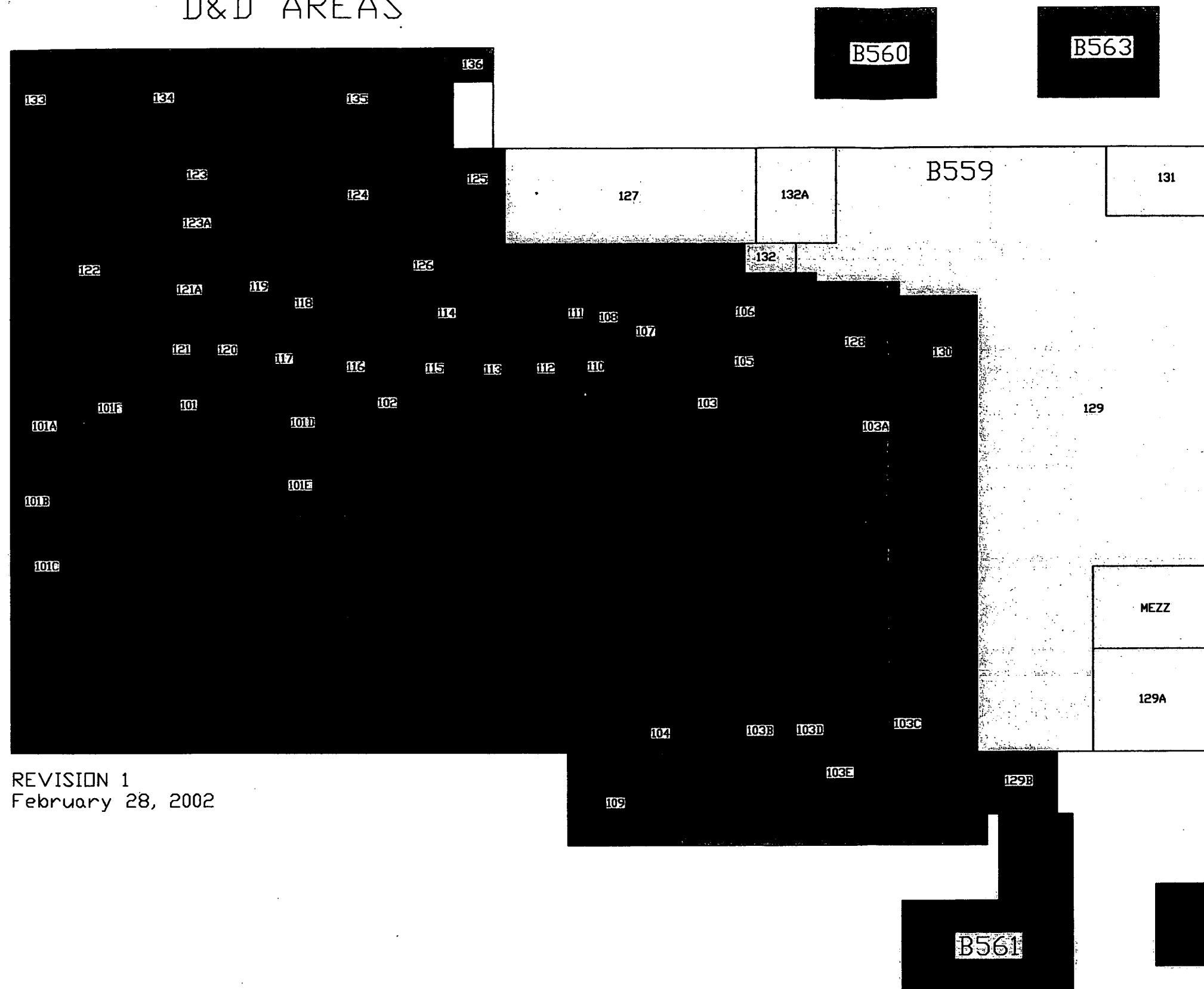
1. Shut down of analytical laboratory operations
2. Removal of lab equipment, supplies and waste
3. Rad Characterization
4. Radiological Decontamination
5. Glovebox overheat detection removal
6. Electrical isolation
7. Mechanical isolation
8. Lead removal
9. Filter Removal
10. Fixative application
11. HVAC separation
12. Wrap and load as waste. For the most part the boxes and systems were packaged and shipped as SCO waste.

The entire cluster (559, 561 and 528) was divided into sets and areas to facilitate the planning, execution and tracking of the work to be performed. Table 1 lists the sets and areas, Figures 1 and 2 are the corresponding set and area maps.

Table 1

BUILDING 559 AND 561 D&D SETS & AREAS
SETS
COLD BOXES – Gloveboxes C-60, C-61, C-62, M-39, M-40, M-41
SET 1 – Building 528 including Tanks D-522 and D-523
SET 2 – Rooms 103C, 103D, 103E Gloveboxes M-32, M-33, M-34, M-35, and ICP-MS Hood MH-36
SET 3 – Room 130 including House Vacuum glovebox and tanks
SET 4 – Gloveboxes M-11, M-12, M-13, M-14, M-15, M-16, M-22, M-23, M-36, M-37, M-38, and VG-1
SET 5 – Gloveboxes C-1, C-2, C-3, C-4, C-5, C-6, C-7, C-8, C-9, C-11, C-12, C-13, C-14, C-15, C-17, C-18, C-19, C-26, C-27, C-28, C-29, C-30, C-31C, C-31D, C-47, C-48, C-49, C-50, C-51. Hoods CH-1, CH-2, CH-3, CH-4
SET 6 – Rooms 101A, 101B, 101C, and 101F. Gloveboxes M-1, M-2, M-3, M-4, M-5, M-6, M-7, M-8, E-24, E-25, and E-26. Hoods MH-2, MH-3, MH-4, MH-5, and EH-7
SET 7 – Rooms 101D and 101E. Gloveboxes E-1, E-2, E-3, E-4, E-5, E-6, E-7, E-10, E-11, E-12, E-13, E-14, E-15, E-16, E-17, E-18, E-19, E-20, E-21, E-22, E-23, E-38, E-40, E-41, and Room 101 Conveyor. Hoods MH-6, EH-9, and EH-10
SET 8 – Gloveboxes C-20, C-22, C-23, C-25, C-34, C-35, C-36, C-37, C-38, C-39, C-40, C-41, C-42, C-52, C-53, C-54, and C-55. Hoods C-43A, C-43B, C-44B, C-45B, C-45C, C-45D, C-46A, C-46B, C-46C, and C-46D
SET 9 – Rooms 103A and 103B. Gloveboxes M-19, M-20, M-21, M-28, and M-29. Hoods MH-10, MH-11, and MH-12. Lab Areas Sample Prep, Semi-Volatile, GC/MS WIPP, GC Analysis VOA, and XRF-EDS
SET 10 – Overhead of rooms 101, 101A, 101B, 101C, 101D, 101E, 101F, 102, 103, 103A, 103B, 103C, 103D, 103E, 104, 107, 109, 110, 120, 130. Mechanical Rooms 129 and 127.
SET 11 – Filter Plenum FP-304 and the Recirculation Air Tunnel
SET 12 – B559/B561 Tunnel
SET 13 – Building 561
SET 14 – B561 Pit and Raschig Ring Tank
AREAS
AREA AA – Building 528
AREA AB – Rooms 101, 101A, 101B, 101C, 101D, 101E, 101F, 102, 104, and 109
AREA AC – Rooms 103, 103A, 103B, 103C, 103D, and 103E
AREA AD – Recirculation air tunnel
AREA AE – Rooms 127, 129, 129A, 131, 132, 132A, and Mezzanine in 129
AREA AF – Building 561
AREA AG – Rooms 105, 106, 107, 108, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 121A, 122, 123, 123A, 124, 125, 126, 128, 130, 133, 134, 135, 136
AREA AH – Room 129B and B559/B561 Tunnel
AREA AJ – Building 562
AREA AK – Buildings 560 and 563 (Cooling Towers)
AREA AL – All exterior surfaces of the B559 Complex

BUILDING 559 COMPLEX D&D AREAS



ORDER OF REMOVAL

- AREA AA
- AREA AB
- AREA AC
- AREA AD - TUNNEL UNDER 101-103
- AREA AF
- AREA AG
- AREA AH
- AREA AJ
- AREA AK
- AREA AL - EXTERIOR SURFACES OF B559 COMPLEX

REVISION 1
February 28, 2002

Reviewed For Classification/UCNI
BY: /s/ Martin Transue "U/NU"
TITLE: Sr. Engr. 3. LATA
DATE: 2-28-02

III. Verification Action Goals Were Met

Four action objectives were established for the Building 559 Cluster removal project prior to beginning demolition:

- **Decontamination of the facility (as necessary) to support release for decommissioning per site approved procedures.**

Although the building systems (gloveboxes, ducting, plenums, and utilities) were removed as either TRU or SCO waste, we were unable to decontaminate the entire structure to free-release standards. Buildings 559 and 528 were taken down, packaged and shipped as low level radioactive waste. Building 561 was decontaminated to free-release standards and placed in the off-site landfill. The plenums were taken out as SCO waste. The Fire Water Tank was also removed as SCO waste.

- **Decommissioning of the Building 559 Cluster facilities in accordance with RFCA and applicable or relevant and appropriate requirements.**

RFCA and other relevant requirements were complied with throughout the project. Consultations with the LRA were conducted throughout the project.

- **Complete decontamination and decommissioning activities in a manner that is protective of site workers, the public and the environment.**

Decontamination and decommissioning activities were completed within regulatory requirements. No injuries (Lost Work Day, Restricted or Days Away From Work) were recorded during the Deactivation or Demolition of the properties. No releases to the environment occurred during the project.

- **Demolish the 559 Cluster facility structures, utilities, and process waste lines to 3' below grade.**

The facility structures, concrete foundation and associated asphalt were removed during demolition. All of building 528 and the building structure for 561, 562 and 559 were removed under D&D RSOP notification. The Foundations and slabs for buildings 561 and 559 were removed under ER RSOPS notification. The 559 pad, below ground air ducts and associated tunnel was removed under the ER RSOPS. All foundations and utilities were removed to 3' below final grade. See Appendix 1 for utilities disconnect locations.

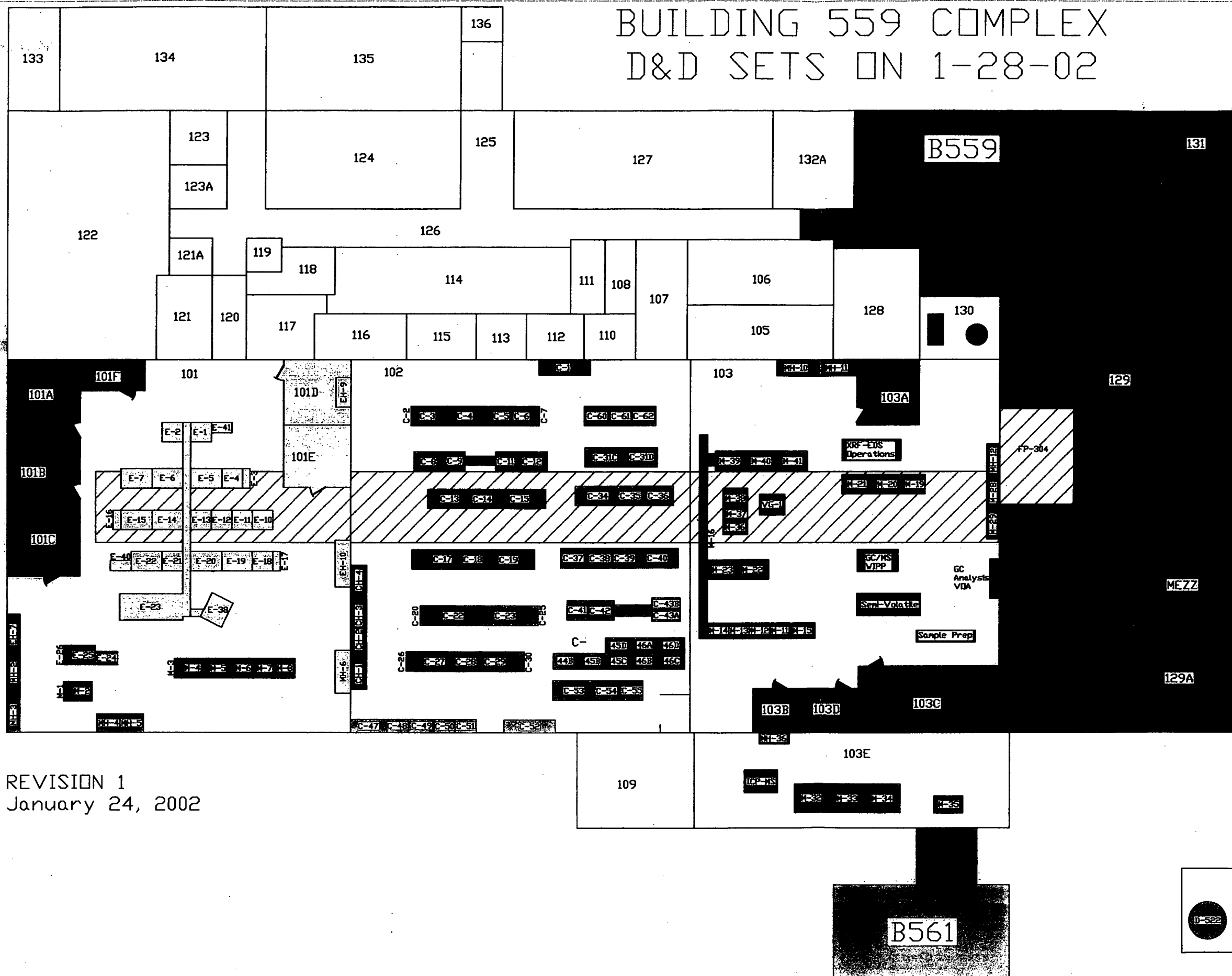
IV. Verification of Treatment Process

This section is not applicable to this project.

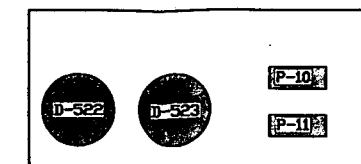
BUILDING 559 COMPLEX D&D SETS ON 1-28-02

ORDER OF REMOVAL

- COLD BOXES
- SET 1 - B528
- SET 2 - Rooms 103C, D, & E
- SET 3 - Room 130
- SET 4 - Room 103
- SET 5 - Room 102
- SET 6 - Room 101
- SET 8 - Room 102
- SET 9 - Room 103
- SET 10 - ROOMS 101 - 103 & 129
- ▨ SET 11 - TUNNEL UNDER 101-103
- SET 12 - B561 TUNNEL
- SET 13 - B561
- SET 14 - TUNNEL PIT & TANK 301



B528



B561

V. Radiological Analysis

See Appendix 3 of this document containing the Reconnaissance Level Characterization Report (RLCR)/Pre-Demolition Survey Report (PDSR) approvals for Buildings 528, 561 and 559.

VI. Demolition Survey Results

Air samples were taken through out the demolition of buildings 528, 561 and 559. See attached report in Appendix 4.

VII. Waste Stream Disposition

Facility No. B562	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills 93
Waste Volume (yd³):	240
Waste Weight (tons):	116.15
Facility No. B561	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills 93
Waste Volume (yd³):	990
Waste Weight (tons):	584.03
Facility No. B528	
<u>Low-Level Waste Disposal</u>	
Disposal Site:	Envirocare of Utah
Waste Volume (yd³):	329
Waste Weight (tons):	38.62
Facility No. B559	
<u>Sanitary Disposal</u>	
Disposal Site:	BFI Foothills 93
Waste Volume (yd³):	1280
Waste Weight (tons):	135.48
<u>Low-Level Waste Disposal</u>	
Disposal Site:	Envirocare of Utah
Waste Volume (yd³):	8029
Waste Weight (tons):	4490
Additional Waste Streams:	Deluge Tank TK-301
	Filter Plenum 302
	Zone I and IA ducting
<u>Asbestos Disposal</u>	
Disposal Site:	BFI Foothills 93
Waste Volume (yd³):	170
Waste Weight (tons):	27.05

VIII. Deviation From the Decision Document

During an audit of permitted RCRA units in RISS, KH identified a failure to notify CDPHE of the closure plan for Building 559 units. The units had been physically removed prior to formal closure. The event was originally reported as Occurrence Report Number RFO-KHLL-ANALYTICALOPS-0003.

Closure information concerning the permitted units in Building 559 should have been submitted to CDPHE by providing a Closure Description Document (CDD) under an RSOP Notification Letter (Component Removal, Size Reduction and Decontamination Activities) for RCRA Closure activities. However, detailed closure requirements for the RCRA sites were included in the D&D work packages.

The proper closure activity would have been the same in both cases – cleanout the boxes, triple rinse the boxes – sampling the final rinse to document RCRA components were removed to acceptable levels.

IX. Descriptions of Site Condition at End of Decommissioning

Slabs for 559 and 561 were left in place when turned over to ER.

X. Demarcation of Excavation

Slabs for 559 and 561 were left in place when turned over to ER under FY05 Notification #05-02, IHSS Group 500-3.

XI. Demarcation of Waste Left in Place

Slabs for 559 and 561 were left in place when turned over to ER for remediation. No other waste was left in place.

XII. Dates and Duration of Specific Activities

SET #	Room / Area	Start Date	End Date
1	B528	3/31/2003	11/17/2003
2	103C/103D/103E	7/25/2002	9/30/2002
3	Room 130	8/1/2002	10/28/2002
4	103 - West Side	9/6/2002	3/17/2003
5	102 - West Side	11/4/2002	9/29/2003
6	101A/101B/101C/101F/101-Southwest Area	1/12/2004	6/7/2004
7	101D/101E/101 - Mid and East Side	10/20/2003	6/21/2004
8	102 - East Side	9/29/2003	3/15/2004
9	103 - East Side	1/12/2004	5/3/2004
10	101/102/103 Overhead / 127/129/Office Area	1/12/2004	2/1/2005
11	Recirculation Tunnel and FP-304	4/26/2004	1/14/2005
12	559/561 Tunnel and Room 129B	8/2/2004	2/1/2005
13	B561 including FP-300/FP-301/FP-302	6/14/2004	2/1/2005
14	Raschig Ring Tank in 561 Pit	8/2/2004	2/1/2005
	Asbestos Abatement	9/1/2004	12/13/2004
	Lab Operations Shutdown		12/31/2003
	528 Demo	1/3/2005	1/24/2005
	562 Demo	9/28/2004	9/30/2004
	561 Demo	2/15/2005	2/16/05
	559 Demo	2/19/2005	2/25/2005

XIII. Final Disposition of Wastes

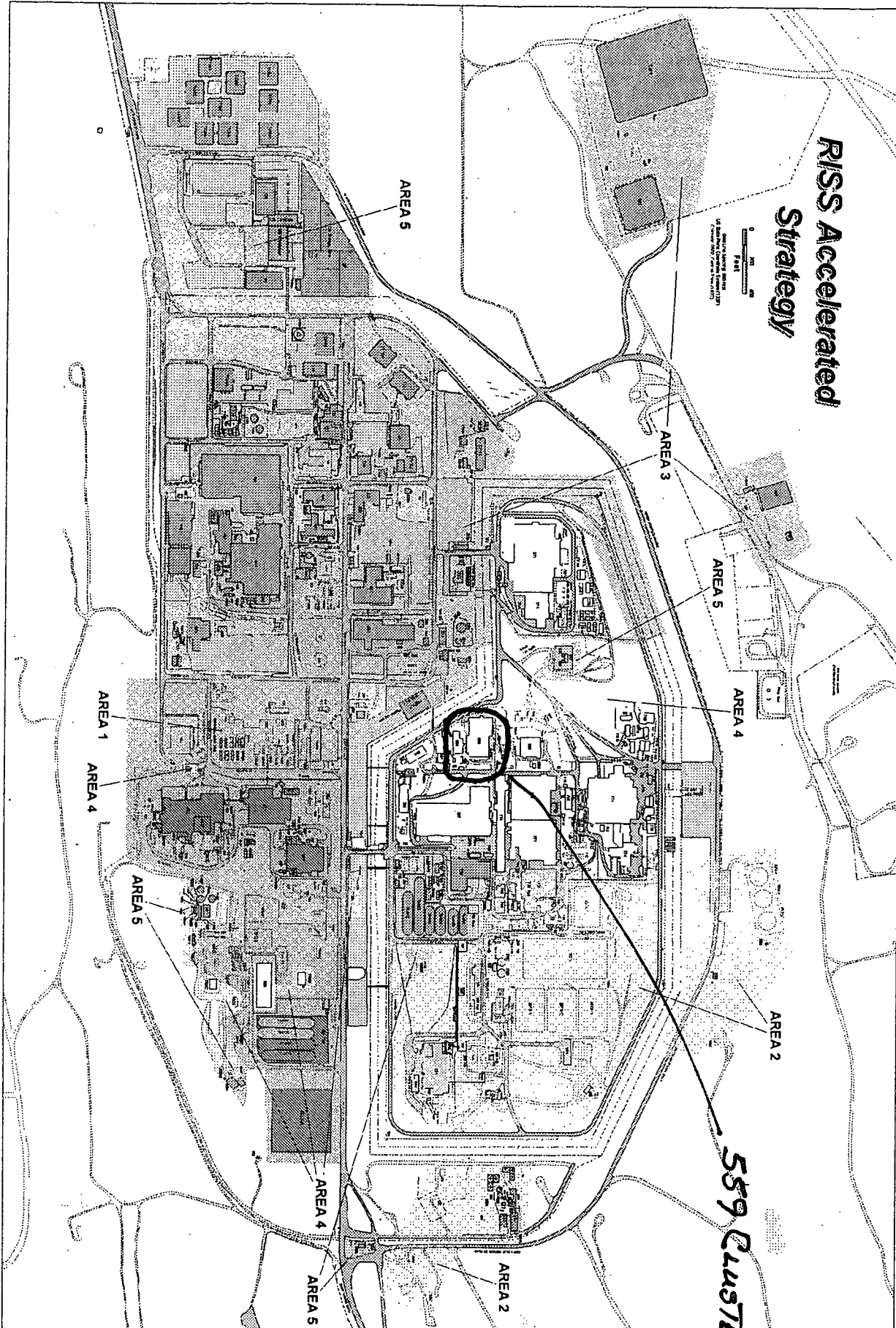
See Section VII

XIV. Next Steps for the Area

Following demolition and load out of 559 and 561 the slabs were turned over to ER for further remediation activities.

RISS Accelerated Strategy

0 100 200 Feet
 0 100 200 Meters
 US Army Corps of Engineers
 Construction Management Division



559 CLUSTER

<p>RISS Rapid Incident Response System Version 1.0 10/1/2003</p>	<p>Legend</p> <table border="0"> <tr> <td>Area</td> <td>Definition</td> </tr> <tr> <td>Area 1</td> <td>Area 1 - 2003</td> </tr> <tr> <td>Area 2</td> <td>Area 2 - 2003</td> </tr> <tr> <td>Area 3</td> <td>Area 3 - 2003</td> </tr> <tr> <td>Area 4</td> <td>Area 4 - 2003</td> </tr> <tr> <td>Area 5</td> <td>Area 5 - 2003</td> </tr> </table>	Area	Definition	Area 1	Area 1 - 2003	Area 2	Area 2 - 2003	Area 3	Area 3 - 2003	Area 4	Area 4 - 2003	Area 5	Area 5 - 2003	<p>Scale</p> <p>1 inch represents 250 feet</p> <p>0 100 200 300 400 Feet</p>	<p>North Arrow</p> <p>N</p>	<p>Notes</p> <p>1. This map is for informational purposes only.</p> <p>2. This map is not to be used for navigation.</p> <p>3. This map is not to be used for legal purposes.</p> <p>4. This map is not to be used for military purposes.</p> <p>5. This map is not to be used for commercial purposes.</p> <p>6. This map is not to be used for government purposes.</p> <p>7. This map is not to be used for religious purposes.</p> <p>8. This map is not to be used for educational purposes.</p> <p>9. This map is not to be used for entertainment purposes.</p> <p>10. This map is not to be used for any other purpose.</p>
Area	Definition															
Area 1	Area 1 - 2003															
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Area 4	Area 4 - 2003															
Area 5	Area 5 - 2003															

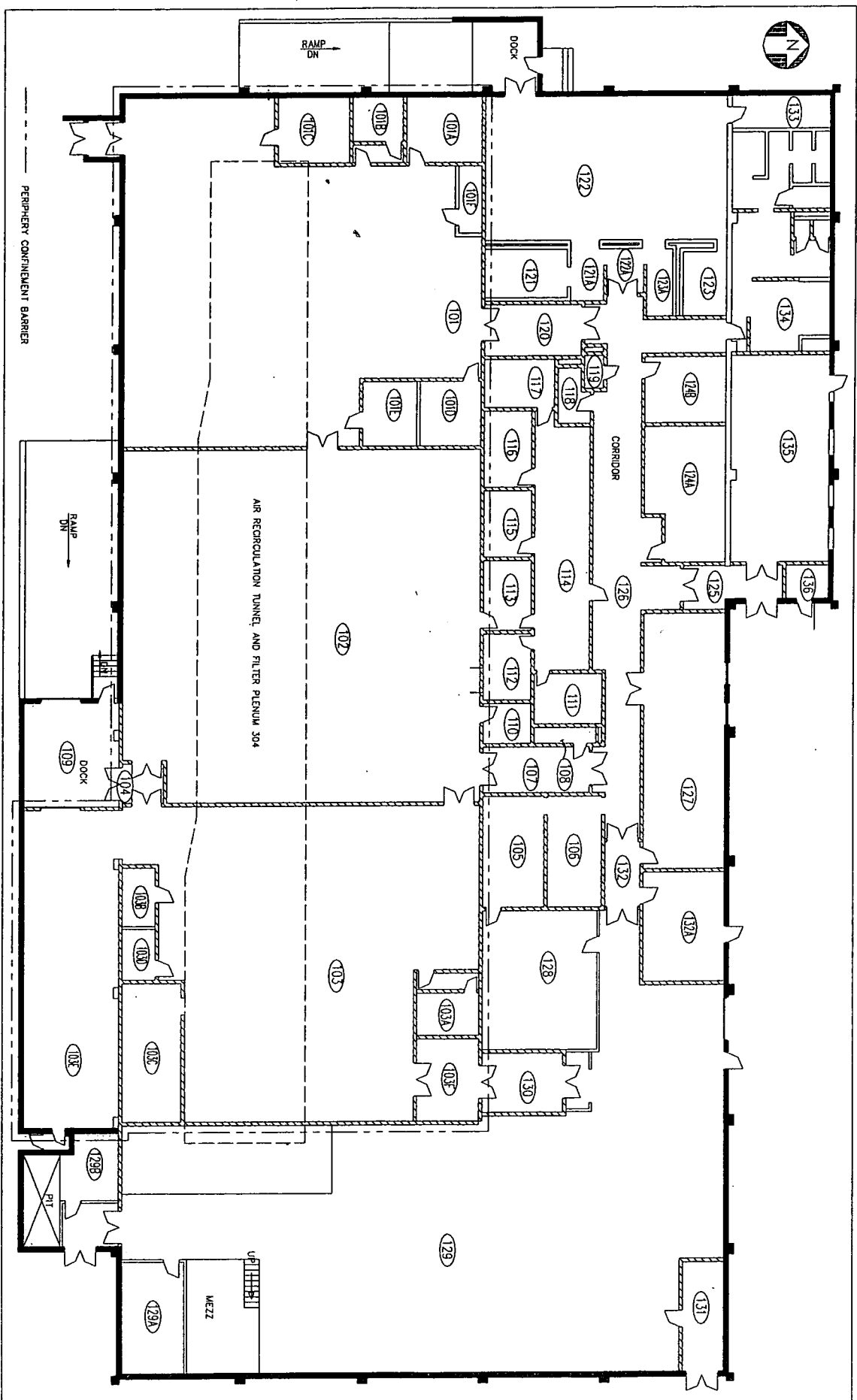
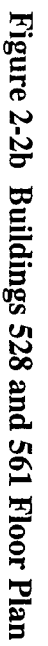
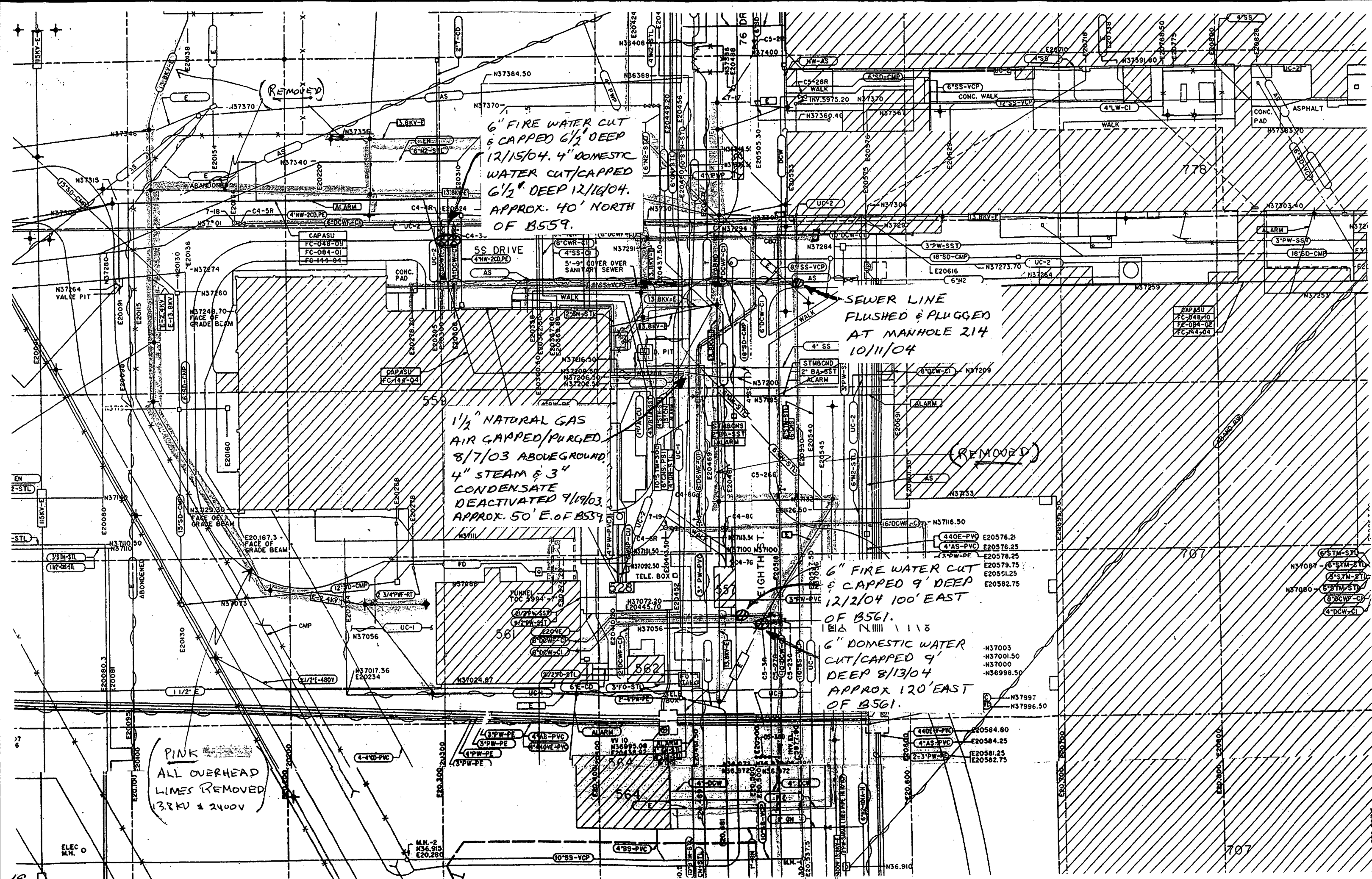


Figure 2-2a Building 559 Floor Plan





Number 175
Date and Time 6/7/1999 10:00:00 AM

Primary Site Contact	Richard Bloom	Primary Reg Contact	Cindy Burbach
SeconddaySite Contact		Seconday Reg Contact	

Unit	Building	Site Phone	Agency
	559	*7251	CDPHE

Purpose

Correction on Calcium Metal Treatment status

Discussion

CDPH&E was informed on Friday 6/4/99 that the processing of calcium metal (IDC 333) in Building 559 was completed. This statement was not accurate. The processing of previously identified IDC 333 had been completed. Two cans of material that were previously characterized as salt IDCs were re-characterized as calcium metal (IDC 333) and would require processing. This material represents approximately 6 KG of material.

Follow-Up

Number	204		
Date and Time	9/6/2000 11:45:00 AM		
Primary Site Contact	Wayne Moe	Primary Reg Contact	Nancy Newell
SeconddaySite Contact		Secondday Reg Contact	
Unit	Building	Site Phone	Agency
	B559	*4808	CDPHE

Purpose

Inability to Perform Weekly RCRA Inspections, B559

Discussion

Kris Kerrigan and I left a telephone message on Ms. Newell's voicemail advising her of anticipated missed weekly RCRA inspections in B559 for the week of September 5, 2000. Last week, a significant unplanned radiological contamination event occurred within Rooms 101, 102, and 103 of B559. Decontamination work has been initiated and is proceeding. However, these areas present serious airborne radiological risks to RCRA inspectors and the weekly RCRA inspection in these rooms may require cancellation. While it was noted that the weekly RCRA inspections might still take place in Rms 101 and 103 should they be adequately decontaminated, there appears little chance that Rm 102 will be adequately decontaminated prior to next week. An allowance to forgo the RCRA inspection in Rms 101, 102, and 103 in B559 for the week of September 5 was requested and presumed granted; Ms. Newell was asked to contact either Kris or myself should this proposal be unacceptable to CDPHE

Follow-Up

Number	244		
Date and Time	2/7/1996		
Primary Site Contact	M.D. Klein	Primary Reg Contact	Cathy Alstatt
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559	*3703	CDPHE

Purpose

Notice of Inspection (NOI) by the Hazardous Materials and Waste Management Division of CDPHE for Safe Sites of Colorado (SSOC) Building 559 (Attachment 1)

Discussion

The Colorado Department of Public Health and the Environment (CDPHE) conducted an inspection relating to the management of hazardous materials and waste produced and stored in Building 559 and its ancillary support buildings. No building findings resulted from this inspection by CDPHE. CDPHE was complementary of the waste management operation being performed by the building. CDPHE did however have a concern with respect to the accuracy of the Waste Environmental Management System (WEMS) data base. Corrections to this data base are being made by the building but not included by the updates. The accuracy of this data base is of great concern to CDPHE because this data base is part of the Site Resource Conservation and Recovery Act (RCRA) Part B operating permit. Action: This is of issue of WEMS data base accuracy has been taken up with W. Wierzbicki of SSOC to resolve with Rocky Mountain Remediation Services (RMRS). RMRS is the organization currently maintaining the WEMS data base.

Follow-Up

Meet with RMRS to resolve WEMS data base accuracy.

Number 278

Date and Time 4/9/1999

Primary Site Contact Sue Barker

Primary Reg Contact

Edward Smith

Secondary Site Contact

Secondary Reg Contact

Unit

Building

Site Phone

Agency

B559

*3114

CDPHE

Purpose

Purpose of Contact (include topics discussed and documentation supplied):

Discussion

Background: At the request of John Hill (K-H EM&C) a tour/drain inspection of Building 559 was conducted April 8, 1999 by Judy Bruch, Ed Smith, and Site personnel: Sue Barker and Brian McGuire. The inspection south to examine a plutonium facility for pathways (mainly drains) and off-normal conditions which could result in plutonium contamination entering the sanitary wastewater treatment system. This activity was a follow-on to the original NPDES FFCA Drain Identification Study (DIS, 1992-6) and a recent update to that original DIS which examined 11 plutonium facilities for drain vulnerabilities. CDPHE used the historical information and original findings from the 1992-6 DIS to guide the informal inspection. The regulators are focusing on the potential transport of radioactive material to the Site's Wastewater Treatment Plant as a result of either the discharge of a fire suppression system or inadequate controls during building D&D activities. Discussion: At the request of John Hill (K-H EM&C) and the RFCA Water Working Group, a tour/informal inspection of Building 559 was conducted April 8, 1999 by Judy Bruch and Ed Smith of the CDPHE, and Site personnel: Sue Barker and Brian McGuire with the expressed purpose of examining a plutonium facility for pathways (mainly drains) and off-normal conditions which could result in plutonium contamination entering the sanitary wastewater treatment system.

Follow-Up

Number	279		
Date and Time	4/28/1999		
Primary Site Contact	Mike Putney	Primary Reg Contact	Dick Fox
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559, 561 & 562	*2692	CDPHE

Purpose

Purpose of Contact (include topics discussed and documentation supplied): Dick Fox with CDPHE, APCD, Jon Dion with DOE, RFFO, and Mike Putney with Radian Air Quality Management, a subcontractor to Kaiser-Hill, toured Buildings 559, 561 and 562 with SSOC representatives on April 28, 1999. Field inspections of buildings and operations are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology site and are conducted annually.

Discussion

Building 559 Attendance: The group met with SSOC building representatives Brain McGuire (environmental representative), Nancy Jensen (chemical control officer), and Duane Hunter (facility manger); and David Wards, SSOC environmental. Verification: Duane Hunter provided information regarding current and projected laboratory operations and sample loads. Brian McGuire and Nancy Jensen provided information regarding building chemical and diesel fuel usage. CDPHE representative recorded outdoor diesel fuel tank numbers and hour meter reading for the diesel fuel fired emergency generator. Results: No deficiencies were identified. Records Transmitted: SSOC representatives transmitted Building 559 laboratoyr sample analyses breakdown, chemical usage report, and diesel fuel usage log to CDPHE representative. Follow-up required (list any documents requested): None Building 561 Attendance: The group met with SOC building environmental representative Brian McGuire. Verification: Brian McGuire conducted a general tour of the building and addressed building specific questions. CDPHE representative recorded pressure drop readings from the HEPA filter stages. Results: No deficiencies were identified. Records Transmitted: None Follow-up required (list any documents requested): None Building 562 Attendance: The group met with SSOC environmental representative Brian McGuire. Verification: CDPHE representative inspected and recorded the hour meter reading for the diesel fuel fired emergency generator and recorded diesel storage tank identification numbers. Results: No deficiencies were identified. Records Transmitted: Diesel fuel usage log. Follow-up required (list any documents requested): None

Follow-Up

Number	415		
Date and Time	6/2/1998		
Primary Site Contact	Mike Putney	Primary Reg Contact	Archie Crouse
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	124/559/62	*2692	CDPHE

Purpose

Arch Crouse with CDPHE, APCD, and Mike Putney with Air Quality Management/Radian International (AQM), a subcontractor to Kaiser-Hill performed opacity observations on three emergency generators (Buildings 124, 559, and 562) on June 1, 1998. Opacity observations of permitted diesel fuel fired equipment are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology Site and are conducted annually.

Discussion

Building 124 Emergency Generator (Dyncorp) Attendance: Arch Crouse, Mike Putney, and Mike Papp (Dyncorp environmental technical advisor) Verification: CDPHE inspector performed an opacity observation on the Building 124 emergency generator during a routine load test. The average opacity was 9.4%. Results: No deficiencies were identified. The generator emissions are below the regulatory requirement of 20% opacity. Follow-up required (list any documents requested): None Buildings 559 & 562 Emergency Generator's (SSOC) Attendance: Arch Crouse, Mike Putney, Dyncorp Garage Maintenance representative Don Hughes, and SSOC Building 559 representative Terry Terrel Verification: CDPHE Inspector performed opacity observations on the Buildings 559 and 562 emergency generators during routine load tests. The average opacity was 0.0% for Building 559 emergency generator, and 1.7% for Building 562 emergency generator. Results: No deficiencies were identified. The generator emissions are below the regulatory requirement of 20% opacity. Follow-up required (list any documents requested): None

Follow-Up

Number	529		
Date and Time	11/26/2001 1:00:00 PM		
Primary Site Contact	Michael Auble	Primary Reg Contact	Denise Onyskiw
SeconddaySite Contact		Secondday Reg Contact	
Unit	Building	Site Phone	Agency
	B559	*3391	CDPHE

Purpose

Approval for the Removal of 6 Unused, Non-operational Gloveboxes in B559 Using DPP Section 1.1.5

Discussion

Denise Onyskiw and I disucssed an approach for the removal of 6 gloveboxes that are installed in B559 but were never put into service. These boxes are C-60, C-61, C-62, M-39, M-40, and M-41. The approach is to invoke Section 1.1.5 of the DPP and either free release or SCO release the glovevoxes and remove them from the buidling using the IWCP process. Denise agreed that this was a logical approach and gave her approval. I agreed to provide the IWCP for Denise to review.

Follow-Up

Number	611		
Date and Time	4/16/2002		
Primary Site Contact	Mike Putney	Primary Reg Contact	Archie Crouse
SeconddaySite Contact		Secondday Reg Contact	
Unit	Building	Site Phone	Agency
	559	*2692	CDPHE

Purpose

Arch Crouse with CDPHE, APCD, Jon Dion with DOE, RFFO, and Mike Putney with URS Group Air Quality Management, a subcontractor to K-H ESS, participated in an air compliance inspection of Building 559 with environmental and building representatives on April 16, 2002. Field inspections of buildings and operations are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology Site and are conducted annually.

Discussion

Buildings 559, 561, and 562 Attendance: The group met with Building 559 representatives Shaun Knapp, Nancy Jensen, and Connie Schmachtenberger. Verification: Shaun Knapp and Nancy Jensen addressed building specific questions about liquid waste disposal and status of various tanks. Nancy Jensen provided information regarding current laboratory operations and sample loads. Connie Schmachtenberger provided HEPA filter surveillance and testing information. Mike Putney provided hour meter readings for the diesel fuel-fired emergency generators. The CDPHE inspector did not physically tour the buildings. Results: No deficiencies were identified. Records Transmitted: HEPA filter testing information and emergency generator hour meter readings to the CDPHE representative.

Follow-Up

Air Quality Management will coordinate with building representatives the annual opacity observations for Building 559 diesel fuel-fired emergency generators.

Number	888		
Date and Time	4/22/2003		
Primary Site Contact	Rob Garren	Primary Reg Contact	Archie Crouse
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559, 562		CDPHE

Purpose

Arch Crouse with CDPHE, APCD and Rob Garren with URS Group Air Quality Management, a subcontractor to K-H ESS, toured Buildings 559 and 562 with environmental and building representatives on April 22, 2003. Field inspections of buildings and operations are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology Site and are conducted annually.

Discussion

Buildings 559 and 562 Attendance: The group met with Remediation, Industrial D&D, and Site Services Project (RISS) representatives Shaun Knapp, Nancy Jensen and Facility Manager John O'Brien. Verification: John O'Brien briefed the group on current activities in the building and addressed building specific questions. The CDPHE representative audited hour meter readings for the two permitted diesel generators and gathered information about activities occurring in the building. Results: No deficiencies were identified. Records Transmitted: None.

Follow-Up

): Air Quality Management will coordinate with building representatives annual opacity observations for Buildings 559 and 562 diesel fuel-fired equipment.

Number	896		
Date and Time	4/7/1997		
Primary Site Contact	Rob Garren	Primary Reg Contact	Richard Fox
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559, 562		CDPHE

Purpose

Richard Fox with CDPHE, APCD, accompanied by Rob Garren with Air Quality Management/Radian Corporation, performed opacity observations on Building 559 and 562 emergency generators April 3, 1997. Opacity observations of permitted diesel fuel fired equipment are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology Site and are conducted annually.

Discussion

Building 559 and 562 Attendance: The group met with Building 559 representative Steve Mosler. Verification: Richard Fox performed opacity observations on Building 559 and 562 emergency generators during a routine load test. The visual observations were made in accordance with procedures outlined in Environmental Protection Agency Reference Method 9. Results of the six-minute observations indicated that both generators were below the regulatory requirement of 20% opacity noted in Colorado Air Quality Control Commission Regulation No. 1 (559-5.0%, 562-1.0%). Results: No deficiencies were identified. Follow-up: None

Follow-Up

Number	898		
Date and Time	4/16/1997		
Primary Site Contact	Aaron McManigle, 7240	Primary Reg Contact	Archie Crouse
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559, 561, 562		CDPHE

Purpose

Arch Crouse with CDPHE, APCD and Aaron McManigle with Radian Air Quality Management, a subcontractor to KH, toured Buildings 559 and 561 on April 16, 1997. Field inspections of site buildings and operations are part of the CDPHE surveillance program for the Rocky Flats Environmental Technology Site and are conducted annually.

Discussion

Building 559 Attendance: The group met with C. Turner, M. Brugh, and D. Hunter, representatives for the laboratories and facility. Verification: The CDPHE conducted a general tour of the building and verified the location of each outdoor storage tank. Building 559 personnel provided annual chemical usage to CDPHE for 1996. Results: No deficiencies were identified. Follow-up: None Building 561 Attendance: The group met with SSOC representative T. Morrison (Utility Division). Verification: The CDPHE conducted a general tour of the building and recorded differential pressure for each filter plenum system. The CDPHE representatives verified the location of each outdoor storage tank. Results: No Deficiencies were identified.

Follow-Up

Number	1076		
Date and Time	10/7/2003 2:30:00 PM		
Primary Site Contact	Shaun Knapp	Primary Reg Contact	James Hindman
SecondaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559		CDPHE

Purpose

Solidification of aqueous wastes in 559

Discussion

Per permit modification 02-02, contact was made with James Hindman to notify him that B559 personnel will be conducting solidification activities on 10/14/03. Solidification will involve waste volume less than 55 gallons, and will be performed in glovebox C-40. Mr. Hindman concurred with the operation, and having it performed in a glovebox.

Follow-Up

Number	1111		
Date and Time	3/31/2004 6:30:00 AM		
Primary Site Contact	Gary Drieth, x7597	Primary Reg Contact	Denise Onyskiw
SecondaySite Contact	Gary Morgan	Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559		CDPHE

Purpose

559 Facility Complex Tour and discussion of future plans on 559 to 561 Duct and 301 Tank removal.

Discussion

Following a general tour of 559 and 561 buildings, a discussion was held on the large ducts running from 559 to 561 through the tunnel and Tank 301. 559 D&D stated that they were starting to develop plans for removal of the ducts and Tank 301 at demolition. Due to the size, weight and location of the ducts and the tank, removing them prior to demolition would cause greater risk to personnel and would require very elaborate hoisting and rigging operations. It was proposed that 559 D&D develop plans to characterize, fix, section the duct and remove as SCO Waste using construction machinery following a normal clean demolition of the buildings. It was also proposed that Tank 301 be characterized, Raschig Rings left in place and removed as SCO Waste also following the normal clean demolition of the building. DOE and CDPHE stated that they agreed with our general approach and that 559 D&D should continue to develop the required work packages for their approval.

Follow-Up

Number	1141		
Date and Time	9/19/1996		
Primary Site Contact	Natalie Van Tyne	Primary Reg Contact	Cathy Alstatt
SecondaySite Contact	John Wrapp	Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	777, 559		CDPHE

Purpose

UPDATE STATUS OF RCRA UNIT CLOSURES

Discussion

A briefing of the status of current and upcoming mixed residue and other RCRA unit closures was given to Cathy Alstatt, Cindy Burbach and Cindy Smith of CDPHE by Ted Karas, Bob Yudnich and Natalie Van Tyne on 9/19/96. It was reported that the Bldg. 777 Pencil Tank Pilot Project is expected to be completed by 9/30/96, barring unforeseen delays, and that closure of twelve RCRA storage and treatment units has been completed to date. The general outlook for FY97 funding of closures was also discussed. Discussion then followed about the proposed partial closure of Units 90.29 and 90.102 in Bldg. 559, due to the failure of certain gloveboxes in these units to meet the closure performance standard. Cathy requested to see these gloveboxes next week to determine if their condition would meet the conditions for "RCRA stable" and if inspections and maintenance of them could be suspended until they are removed from the building. Chris Gilbreath will also be contacted to attend this tour, which is tentatively scheduled for Wednesday, September 25, 1996.

Follow-Up

None

Number	1305		
Date and Time	4/22/1997		
Primary Site Contact	John Wrapp	Primary Reg Contact	Chris Gilbreath
SeconddaySite Contact	Harold Wells	Secondday Reg Contact	
Unit	Building	Site Phone	Agency
	559		CDPHE

Purpose

TETRA-ETCH Etchant

Discussion

Chris Gilbreath was notified on April 17, 1997, of the discovery of the above possible reactive chemical that is located in Building 559, room 101. Subsequent investigation, especially from discussions with the manufacturer, resulted in this chemical being determined to be non- reactive. This information was telephoned to Chris Gilbreath on April 22, 1997.

Follow-Up

None

Number 1667
Date and Time 11/17/2004 9:40:00 AM

Primary Site Contact Kim Myers, 7106 Primary Reg Contact Denise Onyskiw
Secondary Site Contact Secondary Reg Contact

Unit Building Site Phone Agency
559 CDPHE

Purpose

Discuss a breach in the shell of Building 559

Discussion

CDPHE was contacted to discuss the need for a six-point analysis as delineated in the RSOP for Facility Component Removal, Size Reduction, & Decontamination Activities, for removal of the Multi Zone Plenum in room 129 of Building 559. Room 129 is the mechanical room, which has never had radiological contamination. Building ventilation is still intact and pulls air from the clean areas of Building 559 (i.e., room 129) into the contaminated areas (CA). The exterior walls of the CA are still intact and have not been breached, nor will they be breached until Building 559 undergoes demolition. In order to remove this plenum, the exterior wall of building 129 will be breached, where the plenum intake is located, and the plenum waste removed through this breach. Once the plenum is removed the breach will be contained with plastic containment. Originally, it was thought that a six-point analysis might be needed; however, after reviewing Section 3.8.1 of the RSOP, CDPHE agreed that the six-point is not required, and that the plenum can be removed.

Follow-Up

Number	1763		
Date and Time	8/31/1993		
Primary Site Contact	R.J. Walker	Primary Reg Contact	Cathy Alstatt
SeconddaySite Contact		Secondday Reg Contact	
Unit	Building	Site Phone	Agency
	559		CDPHE

Purpose

Status history of Building 559 chemicals, and the overall Environmental Compliance Pilot Program (ECPP).

Discussion

Cathy Alstatt called to ask how I was doing in coordinating the information to explain the history of chemicals in Building 559, and the overall status of the ECPP. I explained that I should have all the information available by September 7, 1993, and would present that information along with reviewing the ECPP status. Also, I told Cathy that Building 528 Tank system has been verified empty on August 30, 1993, and asked whether we could relax the inspections. She stated that bi-weekly inspections would now be acceptable for the tank system. This relaxed inspection is only for 528 Pit and not the associated ancillary equipment in the other buildings.

Follow-Up

A meeting has been scheduled at 1400 on September 7, 1993, in T119A to review the history of Building 559 chemicals and to discuss ECPP Milestones.

Number	1810		
Date and Time	6/20/1995		
Primary Site Contact	Kirk Ticknor	Primary Reg Contact	Chris Gilbreath
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	371, 559, 771, 777, 779		CDPHE

Purpose

Review draft permit for mixed residue vaults and gloveboxes

Discussion

With permission from John Leifer, I got together with Chris Gilbreath on 6/20/05 to review the draft permit or mixed residue vaults and gloveboxes in Buildings 371, 559, 771, 777 and 779. Chris thought that the Permit may be issued for public comment next week but no later than 7/1/95 (as required by the Court Order). In general, the draft permit is very similar to the proposed permit sections we sent to CDPHE in May. There are no major surprises in the draft permit and therefore we are proceeding on the right track with the actions we are talking to obtain permit compliance in the vaults and gloveboxes. Following is a summary of the significant additions to the permit that we were not previously aware of:

- a. Similar to what CDPHE has done in the past, there is a requirement to comply with Building FASR's and OSR's for maintenance of such items as glovebox vacuum, glove changes and glovebox filtration for permitted gloveboxes.
- b. There will be a requirement to notify CDPHE in the event a Nuclear Material Safety Limit is violated in any of the permitted units. (Note: I believe this is done already through the Occurrence Notification System.)
- c. There will be a requirement to comply with the existing procedures for stacker operation and maintenance (e.g., 4-D4-CO-5039 and 4-E29-NDA-001).
- d. There will be a requirement to comply with Building OSR's for checks of SAAM's and Fixed Air Heads.

Follow-Up

None

Number	1823		
Date and Time	5/31/1995 3:25:00 PM		
Primary Site Contact	Thom Putney	Primary Reg Contact	Chris Gilbreath
SeconddaySite Contact		Seconday Reg Contact	
Unit	Building	Site Phone	Agency
	559		CDPHE

Purpose

To discuss the possibility of removing a Building 559 glovebox from the list of gloveboxes to be permitted for backlog mixed residue.

Discussion

I explained that initially we believed it would take two gloveboxes to store the backlog mixed residues in Building 559 and had subsequently requested that both be permitted. Last week the Building 559 Environment Coordinator, Terry Terrell, was able to consolidate the mixed residues into one glovebox, C-17 in Room 102. Chris agreed that it would be appropriate to remove the second glovebox, C-15, from the proposed permit sections and add it to the list of gloveboxes to be closed. I offered to have the Unit Information Sheet and the unit drawing revised to show a single glovebox in Unit 90.101 and have the revisions delivered to his office. I told Chris the two revised pages would be delivered to him by Friday, June 2, 1995, along with the three-dimensional drawing of a generic glovebox he had requested.

Follow-Up

Confirm the delivery of revised pages of the proposed permit sections and the glovebox drawing.

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

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Colorado Department
of Public Health
and Environment

February 14, 2005

Mr. Joe Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

Post-It® Fax Note	7671	Date	2/14/05	# of pages	2
To	Duane Parsons	From	DKruchek		
Co/Dept	R1SS	Co.	CDPHE		
Phone #		Phone #			
Fax #		Fax #			

RE: Pre-Demolition Survey Report (PDSR) for Buildings 559 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 559 (Version 0, dated January 31, 2005). Your letter regarding this PDSR, dated February 9, 2005, was received on February 11, 2005. We have provided comments, agreed on resolutions, and received modifications to the initial PDSR Document. Our comments included concerns with recognition of the asbestos ducts remaining in the slab and performing additional radiological investigations on the exterior and interior to the appropriate PDSP Data Quality Objectives. Based on the information contained in this PDSR and the agreed upon modifications, as well as inclusion of the additional data collected, we are hereby approving the PDSR for Building 559.

As stated in this PDSR, radiologically contaminated areas remain in B559 that will be removed. We expect that, as stated, all of the remaining contamination will be properly identified, protected, segregated, controlled, and removed. It is also our understanding, as stated, that the entire B559 slab will be removed.

It is also our understanding, as discussed in the PDSR, that the remaining asbestos contamination will be properly protected, controlled, and removed.

All demolition activities and related issues, including but not limited to the ultimate disposition /disruption of the under slab process waste lines, sanitary and storm drains, and foundation drains will be discussed and resolved utilizing the consultative process.

If you have any questions regarding this correspondence please contact me at (303) 692-3367, Denise Onyskiw at (303) 692-3371 or (303) 966-6687, or David Kruchek at (303) 692-3328.

Sincerely,


Steven H. Gunderson
RFCA Project Coordinator

cc: Warren Seyfert, DOE
Dave Shelton, KH
Steve Nesta, KH
J. Mike Swartz, KH

Duane Parsons, KH
Mark Aguilar, EPA
Sam Garcia, EPA
Administrative Records Building T130G

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Colorado Department
of Public Health
and Environment

February 14, 2005

Mr. Joe Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Pre-Demolition Survey Report (PDSR) for Building 561 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 561 (Version 0, dated February 2, 2005) as provided to us by Kaiser-Hill/RISS. Your letter regarding this PDSR, dated February 9, 2005, was received on February 11, 2005. However, the PDSR for B561 was not included with your letter. Based on our concerns raised with the PDSR for B559, additional data was collected to alleviate similar concerns with the sufficiency of the PDS performed for B561. We have received the additional radiological data from KH/RISS that provides appropriate data to meet the PDSR Data Quality Objectives. Based on this information contained in this PDSR and inclusion of the additional data collected, we are hereby approving the PDSR for Building 561.

Please provide us with a final copy of the PDSR for Building 561, including the additional radiological data acquired.

As stated in this PDSR, radiologically contaminated areas and equipment remain in B561 that will be removed. We expect that, as stated, all of the remaining contaminated areas and equipment will be properly identified, protected, segregated, controlled, and removed.

We expect that all demolition activities and related issues will be discussed and resolved utilizing the consultative process.

If you have any questions regarding this correspondence please contact me at (303) 692-3367, Denise Onyskiw at (303) 692-3371 or (303) 966-6687, or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Warren Seyfert, DOE
Dave Shelton, KH
Steve Nesta, KH
J. Mike Swartz, KH

Duane Parsons, KH
Mark Aguilar, EPA
Sam Garcia, EPA
Administrative Records Building T130G

(12)

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Douglas H. Benevento, Executive Director

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Colorado Department
of Public Health
and Environment

December 30, 2004

Mr. Joseph A. Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (CDPHE) has reviewed the following documents concerning Building 528:

- o Notification of Facility Disposition RSOP implementation dated December 23, 2004; and
- o Pre-Demolition Survey Report, version 0, dated December 8, 2004 and sent under DOE cover letter dated December 20, 2004.

CDPHE hereby approves both documents, with the caveat that the six-point analysis in the RSOP notification be revised as reflected in the sheet attached to this letter. Demolition of the building is hereby allowed to proceed, with the understanding that the entire structure will be managed and disposed of as low level radioactive waste.

If you have any questions regarding this correspondence, please contact me at (303) 692-3367, or Denise Onyskiw at (303) 692-3371.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Denise Onyskiw, CDPHE
Mark Aguilar, BPA
Sam Garcia, EPA
Dave Shelton, Kaiser-Hill
Administrative Record, T130G

STATE OF COLORADO

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Jane E. Norton, Executive Director

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Colorado Department
of Public Health
and Environment

March 22, 2002

Mr. Joseph A Legare
Assistant Manager for Environment and Infrastructure
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

**RE: Reconnaissance Level Characterization Report (RLCR) for Buildings 559, 561, and 528
- Concurrence**

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the RLCR for Buildings 559, 561, and 528, as provided in the 559 Closure Project Document Revision 0 dated January 25, 2002, which was received on March 1, 2002. Based on the information contained in this RLCR and the modifications received on March 22, 2002, we are hereby concurring with the Type 2 designation for Buildings 559, 561, and 528.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Steve Tower, FC, RFFO
Tim Rehder, EPA
~~XXXXXXXXXX, KH~~
Dave Shelton, KH
Frank Gibbs, KH
Administrative Records Building T130G

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Jane E. Norton, Executive Director

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Colorado Department
of Public Health
and Environment

March 25, 2002

Joseph A. Legare
Assistant Manager for Environment and Stewardship
Rocky Flats Field Office
Department of Energy
10808 Highway 93, Unit A
Golden, CO 80403-8200

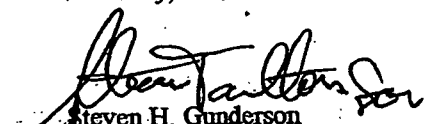
RLCR for B559/561/528

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (the Division) has reviewed the Reconnaissance Level Characterization Report (RLCR), 559/561/528. The Division hereby approves the typing of Buildings 559/561/528 as Type 2 facilities. Approval of the RLCR will follow up in a week to ten days.

Should you have any questions on this matter, please contact Denise Onyskiw at 303-692-3371 or Dave Kruchek at 303-692-3328.

Sincerely,


Steven H. Gunderson
RFCA Project Coordinator

cc: Tim Rehder, EPA
Mike Auble, K-H
~~Steven Tower, DOE~~
Steven Tower, DOE
Administrative Records

STATE OF COLORADO

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Colorado Department
of Public Health
and Environment

January 9, 2002

Mr. Joseph A Legare
Assistant Manager for Environment and Infrastructure
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

**RE: Reconnaissance Level Characterization Report (RLCR) for Buildings 562, 563, & 564 -
Concurrence**

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the RLCR for Buildings 562, 563, and 564, as provided in the 559 Cluster Closure Project Revision 0 dated November 14, 2001, which was received on December 26, 2001. Based on the information contained in this RLCR, we are hereby concurring with the Type 1 designation for Buildings 562, 563, and 564.

Although these buildings are currently identified as Type 1 Facilities, it is recognized that due to accessibility problems additional investigation of B563 will occur during demolition. In addition, some of these facilities may still be in use. As such, even with "isolation controls" (posting/signs) contamination may inadvertently be carried or brought into these facilities. Therefore, additional assessments including investigations should be performed upon termination of active utilization. The consultative process should be utilized to acquire and provide this information prior to final disposition of these facilities.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or Denise Onyskiw at either (303) 692-3371 or (303) 966-6687.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Steve Tower, FC, RFFO
Tim Rehder, EPA
Duane Parsons, KH
Dave Shelton, KH
Frank Gibbs, KH
Administrative Records Building 850

PM-RAD DATA FOR PERIOD 2/15/05-3/29/05

RIN	Location	Analyte	Date On	Date Off	Total Sample Volume (m ³)	Fine Conc (pCi/m ³)	Fine Error (pCi/m ³)	Action Level 1 (pCi/m ³) effective 10/02
								0.0058
	P-104	GROSSALPHA	02/15/2005	02/22/2005	11308.7	4.07E-04	5.61E-04	0.0058
	P-106	GROSSALPHA	02/15/2005	02/22/2005	11376.6	9.05E-04	7.71E-04	0.0058
	P-112	GROSSALPHA	02/15/2005	02/22/2005	11376.6	8.16E-04	6.84E-04	0.0058
	P-114	GROSSALPHA	02/15/2005	02/21/2005	9539.1	7.27E-04	7.42E-04	0.0058
	P-119	GROSSALPHA	02/15/2005	02/22/2005	11376.6	4.29E-04	5.89E-04	0.0058
	P-121	GROSSALPHA	02/15/2005	02/22/2005	11852.4	7.64E-04	7.50E-04	0.0058
	P-222	GROSSALPHA	02/15/2005	02/22/2005	10506.7	7.67E-04	7.48E-04	0.0058
	P-223	GROSSALPHA	02/15/2005	02/22/2005	11696.1	1.18E-03	8.88E-04	0.0058
	P-224	GROSSALPHA	02/15/2005	02/21/2005	7939.0	1.13E-03	1.02E-03	0.0058
	P-225	GROSSALPHA	02/15/2005	02/22/2005	11376.6	7.06E-04	7.03E-04	0.0058
	P-316	GROSSALPHA	02/15/2005	02/22/2005	11315.5	2.84E-04	6.08E-04	0.0058
	P-104	GROSSALPHA	02/22/2005	03/01/2005	11145.6	1.62E-03	9.05E-04	0.0058
	P-112	GROSSALPHA	02/22/2005	03/01/2005	11329.1	1.37E-03	8.66E-04	0.0058
	P-114	GROSSALPHA	02/21/2005	03/01/2005	12847.3	7.10E-04	6.30E-04	0.0058
	P-119	GROSSALPHA	02/22/2005	03/01/2005	11329.1	1.14E-03	7.63E-04	0.0058
	P-121	GROSSALPHA	02/22/2005	03/01/2005	11550.0	1.23E-03	8.53E-04	0.0058
	P-222	GROSSALPHA	02/22/2005	03/01/2005	10017.4	1.32E-03	9.28E-04	0.0058
	P-223	GROSSALPHA	02/22/2005	03/01/2005	11550.0	6.87E-04	7.08E-04	0.0058
	P-224	GROSSALPHA	02/21/2005	03/01/2005	12498.4	1.13E-03	7.74E-04	0.0058
	P-225	GROSSALPHA	02/22/2005	03/01/2005	11254.3	1.71E-03	1.02E-03	0.0058
	P-306	GROSSALPHA	02/22/2005	03/01/2005	9833.9	7.93E-04	8.52E-04	0.0058
	P-316	GROSSALPHA	02/22/2005	03/01/2005	11193.1	6.02E-04	6.66E-04	0.0058
								0.0058
	P-104	GROSSALPHA	03/01/2005	03/08/2005	11227.1	4.53E-04	5.32E-04	0.0058
	P-112	GROSSALPHA	03/01/2005	03/08/2005	11550.0	7.22E-04	6.98E-04	0.0058
	P-114	GROSSALPHA	03/01/2005	03/08/2005	11550.0	9.88E-04	7.03E-04	0.0058
	P-119	GROSSALPHA	03/01/2005	03/08/2005	11550.0	1.23E-03	8.98E-04	0.0058
	P-121	GROSSALPHA	03/01/2005	03/08/2005	11315.5	5.94E-04	6.93E-04	0.0058
	P-222	GROSSALPHA	03/01/2005	03/08/2005	11550.0	3.48E-04	5.75E-04	0.0058
	P-223	GROSSALPHA	03/01/2005	03/08/2005	11071.4	9.24E-04	7.56E-04	0.0058
	P-224	GROSSALPHA	03/01/2005	03/08/2005	11550.0	2.28E-03	1.12E-03	0.0058
	P-225	GROSSALPHA	03/01/2005	03/08/2005	11397.0	1.50E-03	9.22E-04	0.0058
	P-306	GROSSALPHA	03/01/2005	03/08/2005	11550.0	8.04E-04	6.88E-04	0.0058
	P-316	GROSSALPHA	03/01/2005	03/08/2005	11288.3	6.30E-04	6.38E-04	0.0058
								0.0058
	P-104	GROSSALPHA	03/08/2005	03/15/2005	11138.8	6.94E-04	6.62E-04	0.0058
	P-112	GROSSALPHA	03/08/2005	03/15/2005	11329.1	8.55E-04	7.73E-04	0.0058
	P-114	GROSSALPHA	03/08/2005	03/15/2005	11550.0	1.07E-04	4.44E-04	0.0058
	P-119	GROSSALPHA	03/08/2005	03/15/2005	11295.1	5.38E-04	6.79E-04	0.0058
	P-121	GROSSALPHA	03/08/2005	03/15/2005	11550.0	5.96E-04	6.49E-04	0.0058
	P-222	GROSSALPHA	03/08/2005	03/15/2005	11546.5	6.05E-04	7.61E-04	0.0058

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PM-RAD DATA FOR PERIOD 2/15/05-3/29/05

RIN	Location	Analyte	Date On	Date Off	Total Sample Volume (m ³)	Fine Conc (pCi/m ³)	Fine Error (pCi/m ³)	Action Level 1 (pCi/m ³) effective 10/02
	P-223	GROSSALPHA	03/08/2005	03/15/2005	11360.0	1.74E-04	5.75E-04	0.0058
	P-224	GROSSALPHA	03/08/2005	03/15/2005	11550.0	1.44E-03	9.33E-04	0.0058
	P-225	GROSSALPHA	03/08/2005	03/15/2005	11267.9	1.14E-03	8.40E-04	0.0058
	P-306	GROSSALPHA	03/08/2005	03/15/2005	11437.8	8.32E-04	7.13E-04	0.0058
	P-316	GROSSALPHA	03/08/2005	03/15/2005	11125.2	1.69E-03	9.93E-04	0.0058
								0.0058
	P-104	GROSSALPHA	03/15/2005	03/22/2005	11288.3	1.43E-03	8.44E-04	0.0058
	P-112	GROSSALPHA	03/15/2005	03/22/2005	11550.0	8.18E-04	7.31E-04	0.0058
	P-114	GROSSALPHA	03/15/2005	03/22/2005	11550.0	3.81E-04	5.27E-04	0.0058
	P-119	GROSSALPHA	03/15/2005	03/22/2005	11458.2	1.55E-03	9.97E-04	0.0058
	P-121	GROSSALPHA	03/15/2005	03/22/2005	11550.0	5.04E-04	6.85E-04	0.0058
	P-222	GROSSALPHA	03/15/2005	03/22/2005	11550.0	8.35E-04	7.07E-04	0.0058
	P-223	GROSSALPHA	03/15/2005	03/22/2005	11550.0	8.06E-04	7.07E-04	0.0058
	P-224	GROSSALPHA	03/15/2005	03/22/2005	11550.0	8.18E-04	7.18E-04	0.0058
	P-225	GROSSALPHA	03/15/2005	03/22/2005	10139.8	6.19E-04	7.35E-04	0.0058
	P-306	GROSSALPHA	03/15/2005	03/22/2005	11550.0	7.57E-04	7.08E-04	0.0058
	P-316	GROSSALPHA	03/15/2005	03/22/2005	11451.4	7.34E-04	7.20E-04	0.0058
								0.0058
	P-104	GROSSALPHA	03/22/2005	03/29/2005	10968.9	1.23E-04	6.98E-04	0.0058
	P-112	GROSSALPHA	03/22/2005	03/29/2005	11550.0	3.68E-04	5.67E-04	0.0058
	P-114	GROSSALPHA	03/22/2005	03/29/2005	11550.0	1.56E-04	5.46E-04	0.0058
	P-119	GROSSALPHA	03/22/2005	03/29/2005	11424.2	6.51E-04	7.09E-04	0.0058
	P-121	GROSSALPHA	03/22/2005	03/29/2005	11550.0	8.91E-04	7.29E-04	0.0058
	P-222	GROSSALPHA	03/22/2005	03/29/2005	11550.0	1.36E-03	8.23E-04	0.0058
	P-223	GROSSALPHA	03/22/2005	03/29/2005	11550.0	5.14E-04	6.21E-04	0.0058
	P-224	GROSSALPHA	03/22/2005	03/29/2005	11526.2	3.77E-04	6.48E-04	0.0058
	P-225	GROSSALPHA	03/22/2005	03/29/2005	11322.3	2.39E-04	5.58E-04	0.0058
	P-306	GROSSALPHA	03/22/2005	03/29/2005	11546.5	1.81E-03	1.06E-03	0.0058
	P-316	GROSSALPHA	03/22/2005	03/29/2005	11118.4	4.53E-04	6.91E-04	0.0058

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

Laboratory and Radiation Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

February 14, 2005

Mr. Joseph Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: B559 & B561 Facility Disposition RSOP Notification

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed your February 2, 2005 letter (received February 3, 2005) notifying us that the Facility Disposition RSOP and Component Removal RSOP will be utilized during the demolition of Buildings 559 and 561. We hereby agree that Buildings 559 and 561 may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP.

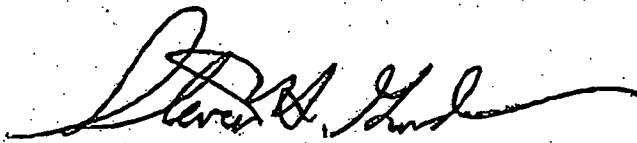
Although we are agreeing that these RSOPs may be utilized during the demolition of Buildings 559 and 561, due to the relatively high levels of remaining contamination, although fixed, we expect appropriate IH and Rad air monitoring to be performed, and notification provided for releases that may be identified. Because of the relatively high levels of remaining fixed contamination, we expect the wind restrictions as stated in the Facility Disposition RSOP (15 MPH) will be followed during demolition of contaminated areas of these buildings or removal of contaminated equipment. We also expect the high contamination areas of the slab to be properly protected (with metal plates as well as plywood or equivalent cushioning material) during building demolition, and these areas of the slab will be saw cut rather than "jack hammered" to the extent practicable. Due to the presence of contamination in the slabs of these buildings, it is expected that track equipment will not be allowed on the contaminated areas of the slab without proper protection of the slab to prevent disturbing the contamination. It is also our understanding that the remaining contaminated equipment (ducts, plenums, etc) will be removed in whole, or (if size reduced) the potential for releases of contamination from the interior surfaces, as well as exterior surfaces, will be minimized by liberal use of foam or fixatives. We also expect liberal use of fixatives, as well as dust suppression, during demolition and slab removal activities and on any remaining contaminated debris during work stoppages (either during the day or overnight).

Post-it® Fax Note	7671	Date	2/14/05	# of pages	2
To	Diagne Parsons	From	D Krueger		
Co./Dept.	R155	Co.	CDPHE		
Phone #		Phone #			
Fax #		Fax #			

As stated in your letter, demolition activities and associated issues will be discussed and resolved utilizing the consultative process.

If you have any questions regarding this correspondence please contact me at (303) 692-3367, Denise Onyskiw at (303) 966-6687 or David Kruchek at (303) 692-3328.

Sincerely,



Steven H. Gunderson
RFCA Project Coordinator

cc: Gary Morgan, DOE
Mark Aguilar, EPA
Sam Garcia, EPA
Duane Parsons, KH

J. Mike Swartz, KH
Dave Shelton, KH
Steve Nesta, KH
Administrative Records Building T130G

(12)

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

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Denver, Colorado 80230-6928
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

December 30, 2004

Mr. Joseph A. Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (CDPHE) has reviewed the following documents concerning Building 528:

- o Notification of Facility Disposition RSOP implementation dated December 23, 2004; and
- o Pre-Demolition Survey Report, version 0, dated December 8, 2004 and sent under DOE cover letter dated December 20, 2004.

CDPHE hereby approves both documents, with the caveat that the six-point analysis in the RSOP notification be revised as reflected in the sheet attached to this letter. Demolition of the building is hereby allowed to proceed, with the understanding that the entire structure will be managed and disposed of as low level radioactive waste.

If you have any questions regarding this correspondence, please contact me at (303) 692-3367, or Denise Onyskiw at (303) 692-3371.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Denise Onyskiw, CDPHE
Mark Aguilar, EPA
Sam Garcia, EPA
Dave Shelton, Kaiser-Hill
Administrative Record, T130G

Colorado Department of Public Health and Environment
Air Pollution Control Division – Stationary Sources Program – Indoor Air Unit
4300 Cherry Creek Drive South, APCD-SS-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 18, 2003 and effective March 1, 2004, the Air Quality Control Act C.R.S. (25-7-101 and 25-7-501.31 sec). This notice signifies that the structure was inspected for asbestos and CFCs and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition notice is valid beginning 1/24/2005 through 11:59 PM on 2/24/2005.
The actual scheduled work dates are from 1/24/2005 through 2/24/2005.

Approval issued on: 1/24/2005

Record number: 44919

Notice Number: 05JE1177D

For the location specified below:

B561

10808 Hwy 93 RFETS

Golden

Jefferson County

This notice has been issued to:

Kaiser-Hill LLC (RISS/Construction)
RFETS, 10808 Hwy 93, T690Q
Golden, CO 80403

Amount Paid: \$55.00

Check number: 157583

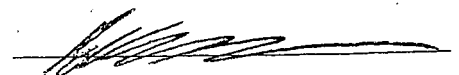
Asbestos Building Inspector:

Stephen Lappi

Certification No.: 867

Inspection Date: 01/03/2005

Issued by:



Colorado Department of Public Health and Environment
Air Pollution Control Division – Stationary Sources Program – Indoor Air Unit
4300 Cherry Creek Drive South, APCD-SS-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 18, 2003 and effective March 1, 2004, the Air Quality Control Act C.R.S. (25-7-101 and 25-7-501 et seq). This notice signifies that the structure was inspected for asbestos and CFCs and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition notice is valid beginning 1/24/2005 through 11:59 PM on 2/24/2005.

The actual scheduled work dates are from 1/24/2005 through 2/24/2005.

Approval issued on: 1/24/2005

Record number: 44920

Notice Number: 05JE1178D

For the location specified below:

B559

10808 Hwy 93 RFETS

Golden

Jefferson County

This notice has been issued to:

Kaiser-Hill LLC (RISS/Construction)
RFETS, 10808 Hwy 93, T690Q
Golden, CO 80403

Amount Paid: \$55.00

Check number: 157584


Asbestos Building Inspector:

Stephen Lappi

Certification No.: 867

Inspection Date: 01/03/2005

Issued by:



ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 81 records in this set and a total of 1141 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000001 10/19/2001 2 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> SCOTT, TOM	<u>Recipient(s)</u> DISTRIBUTION	Minutes of the Internal/External Scoping Meeting for the 559 Cluster Facilities. This project includes Buildings 528, 559, 560, 561, 562, 563, 564 and the Utility Tunnel, October 16, 2001.
B559 A 000002 10/16/2001 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> SCOTT, TOM	<u>Recipient(s)</u> KRUCHEK, DAVID ONYSKIW, DENISE M.	Purpose of Contact: Scoping Meeting for the 559 Cluster Facilities Project
B559 A 000004 10/11/2001 43 Pages PUBLIC	YES, ROUTINE Ref: 01-RF-02502; DWF-014-01 <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR) for Building 560 (The Old 559 Cooling Tower), 559 Closure Project, Revision 0, October 11, 2001. Attachment A consists of a Facility Location Map, Attachment B, Historical Site Assessment (HSA) and Attachment C, Radiological Characterization Plan, September 26, 2001 and Chemical Characterization Plan, September 27, 2001. Attachment D includes the Radiological Data Summary and Survey Map, Attachment E is the Chemical Data Summary and Sample Map and the final Attachment E, includes the Data Quality Assessment (DQA) Details.
B559 A 000006 11/14/2001 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> GUNDERSON, STEVE	<u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) has reviewed the Reconnaissance Level Characterization Report (RLCR) for Building 560 for the 559 Closure Project, Revision 0 dated October 11, 2001. The Division approves the characterization of B560 as a Type 1 facility.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 81 records in this set and a total of 1141 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000007 11/26/2001 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> AUBLE, MICHAEL H.	<u>Recipient(s)</u> ONYSKIW, DENISE M.	Purpose of Contact: Discusses an approach for the removal of six Gloveboxes in Building 559 that were never put into service.
B559 A 000009 01/09/2002 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> GUNDERSON, STEVE	<u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division has reviewed the Reconnaissance Level Characterization Report (RLCR) for Buildings 562, 563 and 564, as provided in the 559 Cluster Closure Project, Revision 0 dated November 14, 2001 and concurs with the Type 1 designation.
B559 A 000010 12/12/2001 1 Pages PUBLIC	YES, ROUTINE 01-RF-02768; DWF-016-01 <u>Author(s)</u> FERRERA, D. W.	<u>Recipient(s)</u> TOWER, STEVE	Kaiser-Hill Company, L.L.C. (K-H) submits the Reconnaissance Level Characterization Report (RLCR) for the 559 Cluster Closure Project: Buildings 562, 563 and 564; November 14, 2001, for approval.
B559 A 000011 11/14/2001 75 Pages PUBLIC	YES, ROUTINE Ref: 01-RF-02768; DWF-016-01 <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR), for Buildings 562, 563 and 564, 559 Cluster Closure Project, Revision 0 November 14, 2001. Attachment A includes Facility Location Map and Attachment B, Historical Site Assessment Report. Attachment C, Radiological Characterization Plan, September 26, 2001 and Attachment D, Chemical Characterization Plan dated September 27, 2001. Attachment E, Radiological Data Summaries and Survey Maps and Attachment F consists of Chemical Data Summaries and Survey Maps. Attachment G, Decommissioning Waste Types and Volume Estimates. Attachment H, Data Quality Assessment (DQA) Detail.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 3 of 22
Report Date: 16-JUN-05

There are 81 records in this set and a total of 1141 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B559 A 000012 02/25/2002 2 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A.	02-DOE-00289; 00124-RF-02 <u>Recipient(s)</u> GUNDERSON, STEVE	Forwards the attached [000017] Reconnaissance Level Characterization Report (RLCR) for Buildings 559, 561 and 528 for concurrence. These buildings have been characterized as Rocky Flats Cleanup Agreement (RFCA) Type 2 facilities.
B559 A 000013 10/30/2001 9 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> RICHARDELLA, R. E.	01-RF-02519; RER-002-01 <u>Recipient(s)</u> TOWER, STEVE	Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification letter and checklist for Building 528 component removal, size reduction and decontamination activities.
B559 A 000014 10/30/2001 9 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> RICHARDELLA, R. E.	01-RF-02518; FEG-001-01 <u>Recipient(s)</u> TOWER, STEVE	Notification letter for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) component removal, size reduction and decontamination activities for Building 559 Glovebox removal, which includes an activity checklist.
B559 A 000015 03/25/2002 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> GUNDERSON, STEVE	N/A <u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) approves the Reconnaissance Level Characterization Report (RLCR) for Buildings 559, 561 and 528 as Type 2 facilities.
B559 A 000016 03/22/2002 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> GUNDERSON, STEVE	N/A <u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) concurs with the Reconnaissance Level Characterization Report (RLCR) for Buildings 559, 561 and 528 provided in the 559 Closure Project Document, Revision 0 January 25, 2002.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 81 records in this set and a total of 1141 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000017 01/25/2002 163 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> RISS, D&D GROUP	Ref: 02-RF-00336; DWF-007-02 <u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR): 559 Closure Project, Buildings 559, 561 and 528; January 25, 2002. The purpose of this report is to communicate and document the results of the RLC effort. RLCs are performed before building decommissioning to define the radiological and chemical conditions of a facility. This report presents the radiological and chemical conditions of B559, 561 and 528, and is built upon physical, chemical and radiological hazards identified in the facility-specific Historical Site Assessment (HSA) Report (September 2001). Environmental media beneath and surrounding the facilities are not within the scope of this RLCR and will be addressed using the Soil Disturbance Permit process and in compliance with the Rocky Flats Cleanup Agreement (RFCA). This Cluster consists of Buildings 528, 559, 559A, 561, 562, 563, 564, the Utility Tunnel between 559 and 561, Tanks 130, 131, 0128, 0129, TK-14, and TK-15. Buildings 528, 559, 561 and the Tunnel are anticipated Type 2 facilities. All the rest are expected to be Type 1.
B559 A 000018 01/31/2002 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> FERRERA, D. W.	02-RF-00336; DWF-007-02 <u>Recipient(s)</u> TOWER, STEVE	Submits the attached [000017] Reconnaissance Level Characterization Report (RLCR) for the Buildings 559, 561 and 528 for review and approval.
B559 A 000019 05/08/2002 11 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A.	02-DOE-00368; 00297-RF-02 <u>Recipient(s)</u> GUNDERSON, STEVE	Letter and enclosures providing the notification for Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) implementation for all activities required to bring Buildings 528, 559 and 561 to the unrestricted release criteria with the expectation of RCRA unit closure. RSOP for component removal, size reduction, and decontamination activities checklist attached.

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**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 81 records in this set and a total of 1141 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000020 10/22/2001 5 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization (RLC), Radiological Characterization Plan, B559 Cluster Closure Project (B562, B563 and B564), Revision 0 October 22, 2001. (The RLCR can be located in the AR under B559-A-000017)
B559 A 000021 10/23/2001 4 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization (RLC), Radiological Characterization Plan (Package), B559 Cluster Closure Project (Buildings: 559, 528 and 561), Revision 1 October 23, 2001. (The RLCR can be located in the AR under B559-A-000017)
B559 A 000022 06/10/2002 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> GUNDERSON, STEVE	<u>Recipient(s)</u> LEGARE, JOSEPH A.	Building 528, 559 and 561 Notification of Intent to Invoke the Facility Component Removal, Size Reduction, and Decontamination Activities Rocky Flats Cleanup Agreement Standard Operating Protocol: The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) has received RFFO May 8, 2002 letter, and revised checklists, notifying that Agency of Rocky Flats' intent to utilize the Component RSOP. The state agrees that the appropriate activities may proceed utilizing the RSOP.
B559 A 000023 11/14/2002 1 Pages PUBLIC	YES, ROUTINE Ref: 01-RF-02502; DWF-014-01 <u>Author(s)</u> GUNDERSON, STEVE ONYSKIW, DENISE M.	<u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) concurs with the characterization of Building 560 as a Type 1 facility of the Reconnaissance Level Characterization Report (RLCR). The concurrence is granted on the condition the additional measurements will be obtained on the inaccessible surfaces and the cooling tower basin during the demolition phase using the Waste Release Evaluation as stated in the Executive Summary.

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<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000024 01/07/2003 14 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> HUMISTON, T. J.	03-RF-00019; TJH-001-03 <u>Recipient(s)</u> BOSTIC, RON	Submits the enclosed Unreviewed Safety Question Determination (USQD) 559-03.0595-jcs, Interactions Between Waste Management Cell, WMC-559-1 and WMC-559-2, RCRA Unit 10, and Building 559 Complex Facilities.
B559 A 000025 06/29/2004 11 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> GIBBS, FRANK E.	04-RF-00693; FEG-020-04 <u>Recipient(s)</u> MORGAN, GARY	The Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction, and Decontamination Activies Notification Letter for Resource Conservation and Recovery Act (RCRA) Closure of Building 559 Gloveboxes. As part of the building Decontamination and Decommissioning (D&D) in B559, gloveboxes were removed as low level waste. This activity occurred without formal to Colorado Department of Public Health and Environment (CDPHE) for RCRA closure on these glovebox units.
B559 A 000026 07/12/2004 12 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A.	04-DOE-00498; 00295-RF-04 <u>Recipient(s)</u> GUNDERSON, STEVE	In accordance with for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities. This Notification letter for Building 559 for the Gloveboxes Removal, and its enclosure are Notification for RSOP Notification and RFCA closure of gloveboxes
B559 A 000027 11/17/2004 2 Pages PRELIM	YES, ROUTINE N/A <u>Author(s)</u> MYERS, KIM	<u>Recipient(s)</u> ONYSKIW, DENISE M.	Purpose of Contact: Discuss a breach in the shell of Building 559. Colorado Department of Public Health and Environment (CDPHE) was contacted discuss the need for a six point analysis as delineated in the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for facility Component Removal, Size Reduction, Decontamination Activities, for removal of the Multi Zone Plenum in room 129 of Building 559.

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<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B559 A 000028 12/16/2004 2 Pages PRELIM	YES, ROUTINE N/A <u>Author(s)</u> RICHARDELLA, R. E.	<u>Recipient(s)</u> ONYSKIW, DENISE M.	Purpose of Contact: Discuss an additional opening in the wall of Building 559, Room 129. On November 17, 2004, a contact record was generated that addressed a breach in the wall of room 129 as follows: in order to remove this plenum, the exterior wall of Building 129 will be breached, where the plenum intake is located, and the plenum waste removal through this breach. Once the plenum is removed the breach will be contained with plastic containment.
B559 A 000038 02/09/2005 3 Pages PRELIM	YES, ROUTINE 00073-RF-05; 05-DOE-00072; [000039]; Ref:(DWF-009-0 <u>Author(s)</u> LEGARE, JOSEPH A.	<u>Recipient(s)</u> GUNDERSON, STEVE	Forwards: the attached [000039] provided for Colorado Department of Public Health and Environment (CDPHE), reviewed and approval, is the Pre-Demolition Survey Report (PDSR), for Building 559 (DWF-009-05) and Building 561(DWF-011-05). These reports characterize the physical, chemical and radiological hazards associated with the facilities, summarized the characterization activities, defines the Data Quality Objectives (DQO) developed for this characterization, and presents the Data Quality Assessment (DQA), Verification and Validation (V&V) of results,
B559 A 000039 01/31/2005 167 Pages PRELIM	YES, ROUTINE 00073-RF-05; 05-DOE-00072 <u>Author(s)</u> LEGARE, JOSEPH A.	<u>Recipient(s)</u> GUNDERSON, STEVE	A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and waste management of Building 559. Because this Type 2 facility will be decommissioned, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-127-PDSP) to supplement the Reconnaissance Level Characterization (RLC) of this Type 2 facility.
B559 A 000040 01/20/2005 7 Pages PRELIM	YES, ROUTINE 05-RF-00083; FEG-001-05 <u>Author(s)</u> GIBBS, FRANK E.	<u>Recipient(s)</u> MORGAN, GARY	Submits: Attached is a Draft transmittal letter to the Colorado Department of Public Health and Environment (CDPHE), for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification for Building 559 and 561 demolition.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B559 A 000041 02/14/2005 2 Pages PRELIM	YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE	00077-RF-05; [000038] <u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM) and Waste Management (WM), Division has review US Department of Energy (DOE), February 2, 2005 letter (received February 3, 2005) notifying CDPHE that the Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP), and Component Removal RSOP will be utilized during the demolition of Building 559 and 561. CDPHE hereby agree that Building 559 and 561 may be demolished utilizing the Facility Disposition RSOP and Component Removal RSOP.
B559 A 000042 02/14/2005 1 Pages PRELIM	YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE	00078-RF-05; [000039] <u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM) and Waste Management (WM), Division has review the Pre-Demolition Survey Report (PDSR) for Building 559 (Version 0, dated January 31, 2005). DOE letter regarding this PDSR, dated February 9, 2005, was received on February 11, 2005. Based upon the information contained in this PDSR and the agreed upon modifications, as well as inclusions of the additional data collected, CDPHE. Hereby approving the PDSR for Building 559.
B559 A 000044 02/02/2005 4 Pages PRELIM	YES, ROUTINE <u>Author(s)</u> FERRERA, DENNIS W.	05-RF-00106; DWF-009-05; Ref: 000042; [000045] <u>Recipient(s)</u> MORGAN, GARY	Forwards the attached [000045] copy of the Building 559 Pre-Demolition Survey Report (PDSR). Provided for US Department of Energy (DOE) reviews and approval is the report for the 559 facility. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objective (DQO) developed for this characterization, and presents the Data Quality Assessment (DQA), Verification and Validation (V&V), of results.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B559 A 000045 01/31/2005 202 Pages PRELIM	YES, ROUTINE <u>Author(s)</u> FERRERA, DENNIS W.	05-RF-00106; DWF-009-05; Ref: 000039 <u>Recipient(s)</u> MORGAN, GARY	As part of Rocky Flats Environmental Technology Site (RFETS/Site), Closure Project numerous of facility will be removed, among these is Building 559. A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and Waste Management (WM) of Building 559. Because this Type 2 facility will be Decommissioning, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP), (MAN-127-PDSP) to supplement the Reconnaissance Level Characterization (RLC) of this Type 2 facility.
B559 A 000046 02/02/2005 4 Pages PRELIM	YES, ROUTINE <u>Author(s)</u> FERRERA, DENNIS W.	05-RF-00108; DWF-011-05; [000047]; Ref: 000043 <u>Recipient(s)</u> MORGAN, GARY	Forwards: the attached [000043] copy of the Byilding 561 PDSR. Provided for US Department of Energy (DOE) review and approval is the report for the Building. 561 ficility.
B559 A 000050 04/14/2005 2 Pages PRELIM	YES, ROUTINE N/A <u>Author(s)</u> CASTANEDA, NORMA PRIMROSE, ANNETTE L.	<u>Recipient(s)</u> KRUCHEK, DAVID	Purpose of Contact: Backfill of Building 559 Remediation Areas. After removal of the process waste line in this area, the hotspot around sample location CD44-005 was excavated in an area approximately 20 by 24 feet and 4 1/2 feet deep. Screening results from the bottom and side of the excavation are very low, well below action levels. Therefore, this area will be backfill at risk, pending final analytical results.
IA A 000169 04/09/1999 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	AR-99-000006 <u>Recipient(s)</u> NOT INDICATED	Rocky Flats Environmental Technology Site (RFETS) Regulatory Contact Record - At the request of the Kaiser-Hill Company, L.L.C. (K-H) and the Rocky Flats Cleanup Agreement (RFCA) Water Working Group, a tour / informal inspection of Building 559 was conducted April 8, 1999 by the Colorado Department of Public Health and Environment (CDPHE), and Site personnel, with the expressed purpose of examining a Plutonium (Pu) facility for pathways (mainly drains) and off-normal conditions which could result in

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Doc. No. / Date	Routine	Internal Code	Title / Subject
<u>IA</u> <u>A</u> <u>000391</u> 03/20/2000 1 Pages PUBLIC	<u>Author(s)</u> NORTH, KARAN	<u>Recipient(s)</u> SCHIEFFELIN, JOE	Upon completion of scheduled hydrolysis treatment process in Building 559, Room 102, it has been decided to keep the unit in standby condition until calcium salt processing is completed.
<u>IA</u> <u>A</u> <u>000686</u> 03/14/1996 4 Pages PUBLIC	<u>Author(s)</u> MANI, VIK	<u>Recipient(s)</u> BROCKMAN, DAVID A.	USQD-RFP-93.117TLF; HSP/FLP 31.11; VKaiser-Hill Company, L.L.C. (K-H) submits reexamination of USQD-RFP-93.117TLF, Plutonium (Pu) Storage Issues including HSP/FLP 31.11. This document also requests US Department of Energy, Rocky Flats Field Office (DOE/RFFO) to accept the risks associated with assessing the frequency of a spontaneous breach of fire in a container of Pu in compliance with 1-82500-HSP-31.11.
<u>IA</u> <u>A</u> <u>000763</u> 04/10/2001 4 Pages PUBLIC	<u>Author(s)</u> GUNDERSON, STEVE	<u>Recipient(s)</u> LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) has reviewed the Decontamination and Decommissioning Characterization Protocol (DDCP), Pre-Demolition Survey (PDS) and Reconnaissance Level Characterization Plan (RLCP). These documents are all indicated to be Revision 3, dated April 23, 2001 and have been approved. A letter from the US Department of Energy (DOE) to the regulators regarding the Independent Verification Plan is attached.
<u>IA</u> <u>A</u> <u>000788</u> 05/23/2001 3 Pages PUBLIC	<u>Author(s)</u> GUNDERSON, STEVE	<u>Recipient(s)</u> LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) submits comments on the Sampling and Analysis Plan (SAP) for the Decontamination and Decommissioning (D&D) Groundwater Monitoring of Buildings 881, 991 and 559.

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<u>IA A 000791</u> 07/18/1995 7 Pages PUBLIC	<u>Author(s)</u> YES, ROUTINE MCANALLY, JAMES L.	<u>Recipient(s)</u> 95-RM-TA-0001-KH; 95-RM-TA-0001-JLM CARD, ROBERT G.	Rocky Mountain Remediation Services, L.L.C. (RMRS) distributes a status report of projects with the distribution list which Technical Assurance is currently reviewing for National Environmental Policy Act (NEPA) determination.
<u>IA A 000811</u> 07/19/2001 1 Pages PUBLIC	<u>Author(s)</u> YES, ROUTINE SCHIEFFELIN, JOE	<u>Recipient(s)</u> 559-881.3B LEGARE, JOSEPH A. NESTA, STEVE	The Colorado Department of Public Health and Environment (CDPHE) approves the Closure Description Document (CDD) for Closure of Resource Conservation and Recovery Act (RCRA) Treatment Unit 559-881.3B at Building 559.
<u>IA A 000881</u> 01/10/2002 1 Pages PUBLIC	<u>Author(s)</u> YES, ROUTINE BUTLER, J. LANE	<u>Recipient(s)</u> 02-RF-00138; JLB-002-02 CASTANEDA, NORMA	Submits the attached [000882] Industrial Area Sampling and Analysis Plan (IASAP) for the Fiscal Year 2002, Addendum No. IA-02-01, November 2001
<u>IA A 000882</u> 11/01/2001 53 Pages PUBLIC	<u>Author(s)</u> YES, ROUTINE NOT INDICATED	<u>Recipient(s)</u> Ref: 02-RF-00138; JLB-002-02 DISTRIBUTION	Industrial Area Sampling and Analysis Plan (IASAP) for the Fiscal Year 2002, Addendum No. IA-02-01, November 2001.
<u>IA A 001058</u> 08/23/2002 16 Pages PUBLIC	<u>Author(s)</u> YES, ROUTINE GIBBS, FRANK E.	<u>Recipient(s)</u> 02-RF-01898; FEG-018-02 TOWER, STEVE	Submits the enclosed Type 1 Facility Closeout for Building 560 Cooling Tower, 559 Cluster Remediation, Industrial Building D&D and Site Services Project, RISS Area 7. No environmental release occurred, the concrete basin and buried piping were left in place and will be removed along with B563 demolition.

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<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
IA A 001076 09/30/2002 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> BUTLER, J. LANE	02-RF-02154; JLB-057-02 <u>Recipient(s)</u> DISALVO, RICHARD	Submits the attached [001077] Industrial Area (IA) Characterization and Remediation Strategy FY02 Update Appendix C, September 2002. This document is an end-of-the-year requirement, but there is no requirement for Regulatory Agency review or approval.
IA A 001077 09/01/2002 40 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	Ref: 02-RF-02154; JLB-057-02 <u>Recipient(s)</u> DISTRIBUTION	Industrial Area (IA) Characterization and Remediation Strategy FY02 Update Appendix C, September 2002 - This report was developed to provide a roadmap for final closure of the Rocky Flats Environmental Technology Site (RFETS/Site). IA to ensure integration of remediation activities, including facility decommissioning, characterization, remediation and Regulatory Agency and stakeholder participation. This is being incorporated as Appendix C of the IA strategy for October 1, 2001 through September 30, 2002.
IA A 001138 09/01/2002 41 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	PADC-1999-02570 <u>Recipient(s)</u> DISTRIBUTION	Industrial Area (IA) Characterization and Remediation Strategy FY02 Update, Appendix C September 2002 - This FY02, October 1, 2001 through September 30, 2002 IA Strategy Update describes progress on components and changes to the IA Strategy and the major accomplishments.
IA A 001159 08/27/2002 14 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	Ref: 02-DOE-01553; 00715-RF-02 <u>Recipient(s)</u> DISTRIBUTION	Type 1 Facility Closeout Report: Building 560 Cooling Tower, Remediation, Industrial Building D&D and Site Services Project, RISS, B559 Area 7
IA A 001494 07/09/2003 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> BUTLER, J. LANE	03-RF-01015; JLB-066-03 <u>Recipient(s)</u> GUNDERSON, STEVE REHDER, TIMOTHY	Forwards/submits the attached [001495] Data Summary Report (DSR) IHSS Group 500-6 dated July 2003 for approval. This Individual Hazardous Substance Site IHSS Group consists of Potential Area of Concern (PAC) 500-906, Asphalt Surface near Building 559.

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<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
IA A 001494	YES, ROUTINE	03-RF-01015; JLB-066-03	Forwards/submits the attached [001495] Data Summary Report (DSR) IHSS Group 500-6 dated July 2003 for approval. This Individual Hazardous Substance Site IHSS Group consists of Potential Area of Concern (PAC) 500-906, Asphalt Surface near Building 559.
		DISALVO, RICHARD	
PUBLIC			
IA A 001495	YES, ROUTINE	Ref: 03-RF-01015; JLB-066-03	Data Summary Report (DSR) IHSS Group 500-6, July 2003 - This Individual Hazardous Substance Site IHSS Group consists of Potential Area of Concern (PAC) 500-906, Asphalt Surface near Building 559.
07/01/2003	<u>Author(s)</u>	<u>Recipient(s)</u>	
17 Pages	NOT INDICATED	DISTRIBUTION	
PUBLIC			
IA A 001728	YES, ROUTINE	N/A	Purpose of Contact: July 14, 2003 Comment Resolution Meetings for Individual Hazardous Substance Site IHSS Group 900-1 Tunnel Field Completion, IHSS Group 300-3 and 300-4 Field Completion, IHSS Group 500-3 Draft Industrial Area Sampling and Analysis Plan (IASAP) Addendum, IHSS Group 133.5 Draft Incinerator Notification, IHSS Group 900-11 Inner Lip Area Notification, IHSS Group 900-4&5 Data Summary Report, IHSS Group 900-2 Data Summary Report, IHSS Group NE/NW Data Summary Report, IHSS Group 000-1 Closeout Report, IHSS Group 000-1 Data Summary Report. A meeting was held on July 14, 2003 to discuss several topics including field completion for IHSS Group 900-1 Tunnel and IHSS Group 300-3 and 300-4; IHSS Group 500-3 Draft IASAP Addendum, the draft Incinerator Notification and IHSS Group 900-11 Inner Lip area Notification; IHSS Group 900-4&5, NE/NW, 900-2, 000-1 Data summary Reports; and IHSS Group 000-1 Closeout Report.
07/14/2003	<u>Author(s)</u>	<u>Recipient(s)</u>	
6 Pages	SERREZE, SUSAN	POTTORFF, ELIZABETH T. AINSCOUGH, HARLAN KRUCHEK, DAVID	
PUBLIC			

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Doc. No. / Date	Routine	Internal Code	Title / Subject
IA A 002057 03/31/2004 2 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> DORR, KENT A. DRIETH, GARY HUNTER, DUANE MORGAN, GARY O'BRIEN, JOHN RICHARDELLA, R. E.	<u>Recipient(s)</u> ONYSKIW, DENISE M.	<p>Purpose of Contact: 559 Facility Complex tour and discussion of future plans on 559 to 561 Duct and 301 Tank removal. Following a general tour of 559 and 561 buildings, a discussion was held on the large ducts running from 559 to 561 through the tunnel and Tank 301. 559 D&D stated that they were starting to develop plans for removal of the ducts and Tank 301 at demolition. Due to the size, weight and location of the ducts and the tank removing them prior to demolition would cause greater risk to personnel and would require very elaborate hoisting and rigging operations. It was proposed that 559 D&D develop plans to characterize, fix, section the duct and remove as SCO Waste using construction machinery following a normal clean demolition of the buildings. It was also proposed that Tank 301 be characterized, Raschig Rings left in place and removed as SCO Waste also following the normal clean demolition of the building. DOE and CDPHE stated that they agreed with this general approach and that 559 D&D should continue to develop the required work packages for their approval.</p>
IA A 002058 04/02/2004 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> MORGAN, GARY	<u>Recipient(s)</u> DISTRIBUTION NESTA, STEVE	<p>DOE comments: E-mail re Contact Record dated March 31, 2004 (IA-A-002057). DOE staff member agrees in concept. His concern is the quality of sampling with the quantity of Raschig Rings in place. He was lead to believe that vacuuming the rings out was a proven methodology at the site. The tank should stay until final demolition with or without the rings.</p>
IA A 002335 09/01/2004 5 Pages PRELIM	YES, ROUTINE N/A <u>Author(s)</u> HUNTER, DUANE	<u>Recipient(s)</u> KRUCHEK, DAVID ONYSKIW, DENISE M.	<p>Purpose of Contact: Remediation, Industrial Building D&D and Site Services Project, RISS Area 4 Project presented a white paper on plans to perform contaminated component removal during demolition of Building 559 and 561. This document was a predecessor to detailed work plans</p>

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Doc. No. / Date	Routine	Internal Code	Title / Subject
<u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	N/A; SW-A-000189 <u>Recipient(s)</u> FILE	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 500 Area is located in the north central portion of the RFP. Some of the buildings are within an inner security fenced seclusion area. The more important buildings in this area are: Building 528, which is a temporary holding point for process wastes received from B559 Analytical Laboratory and B561 Plenum Building. The waste consists primarily of Hydrochloric Acid, Nitric Acid, Sulfuric Acid, Potassium Hydroxide, water, detergent, and low levels of other chemicals. The liquid wastes are held in tanks in B528 until being transferred to B374 for treatment. Building 551 houses a storage warehouse and a fabrication sop. The warehouse is a storage and inventory site for the RFP. Building 559 contains laboratory facilities used to perform analyses of samples from production processes and products from all areas at the RFP. The 500 Area also includes several support buildings that contain transformers, electrical shops, cooling towers, ventilation exhaust systems and emergency generators.
<u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	PAC 500-159; SW-A-000189 <u>Recipient(s)</u> FILE	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 500 Area: Radioactive Site, Building 559. When Building 559 began operation in March 1968, the process waste system consisted of Pyrex glass lines beneath the building and adjacent support buildings. Less than one year later, a break was discovered in the process waste line from the building to the pump house. In May 1972, the south half of the process waste line beneath B559 was discovered to be leaking. Also in 1972, the rupture of the process waste line from B559 to the process waste tank valve pit caused soil contamination. In May 1977, influx of contaminated ground water was discovered in the manhole adjacent to the southwest corner

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<u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ENVIRONMENTAL RESTOR	Ref: SW-A-000189 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - Under Building Contamination UBC 559. This Record provides the description(s) of some of the events that may have led to UBC. The identified events are not intended to be complete, but are rather intended to be representative of events that have occurred which may have led to UBC. Building 559 houses the Plutonium Analytical Laboratory. Use of this building began in 1968. The Service Laboratory Facility was originally built with Pyrex glass waste lines in 1968. Less than a year after construction a break was discovered. In 1972, PVC pipe was installed as a replacement. Vertical core sections taken beneath the building confirmed some infiltration. In May 1977, water in the manhole south of 559 was found to contain Plutonium (Pu) contamination. No documentation was found detailing the fate of constituents released to the environment.
<u>IA</u> <u>A</u> <u>INFO</u> 07/30/1993 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ENVIRONMENTAL RESTOR	CPI No. 93-004; SW-A-000749 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Fourth Quarterly Update to the Rocky Flats Plant (RFP) Historical Release Report (HRR), April 1, 1993 through July 1, 1993: Id. 500-906, Asphalt Surface near Building 559. One gallon of F001 wastewater spilled from a hose that was used to extract excess water from a tanker. The water was from the P304 sump which collects water from the exterior of the Building 559/561 tunnel and the Building 561 basement. Normally this water is released into the surface water drainage system through pumping to a footing drain system that flows by gravity. The water in question was found to exceed Segment five stream standards for some analytes, and was thus being removed by tanker. The tanker was accidentally filled beyond the level allowed. One Thousand gallons of water had been off-loaded from the tanker into drums, the hose that was used leaked some water

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<u>IA</u> <u>A</u> <u>INFO</u> 10/29/1993 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ENVIRONMENTAL RESTOR	CPI 93-004; Ref: SW-A-000910 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Fifth Quarterly Update to the Rocky Flats Plant (RFP) Historical Release Report (HRR): Id. TBD - Resource Conservation and Recovery Act (RCRA) Contingency Plan Implementation (CPI) Report 93-004. Reports the March 21, 1993 release of one gallon of contaminated water (D019, D029 and D040) was pumped from Building 559 vault that was inadvertently spilled from a tanker during the transfer process.
<u>IA</u> <u>A</u> <u>INFO</u> 09/28/2000 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ENVIRONMENTAL RESTOR	KH-00-900.UN; SW-A-004154 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Fifth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 1999 through August 1, 2000 Revision 0 - Building 371 Parking Lot (PAC 300-156.1). In February 1973, concern was raised because a contaminated soil pile north of B374 was located in the construction area of B371. Inspection of aerial photographs shows evidence of soil, being placed in this area as early as 1969 from unknown activities. In February 1973, the soil was moved to an area east of the cargo container field (IHSS 165). Some of the soil stored behind B334 originated from construction of an addition to B774 or from the removal of underground holding tanks in an area adjacent to B774. Soil samples were taken before the pile was removed from behind B334. Results ranged from 3 to 704 disintegration per minute gram. The volume is stated as 250 cubic yards at the time of removal from the 300 Area. The soil pile was removed from the 300 Area and placed in the east-end of the cargo container field, which is IHSS 165. Comprehensive Environmental Assessment and Response Program (CEARP) interview notes states that the soil was spread out over the hillside southeast of where B374 is located. The 371 Parking Lot now covers the area of the soil pile. No documentation could be found which detailed the fate of constituents released to the environment. This IHSS

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<u>IA</u> <u>A</u> <u>INFO</u> 03/01/2001 0 Pages PUBLIC	YES, ROUTINE (Ref: IA-A-000752, IASAP) <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> NOTE TO FILE	Information Only Entry: IA Group 500-3 consists of: Under Building Contaminant UBC 559: Service Analytical Laboratory; UBC 528: Temporary Waste Holding Building; Radioactive Site, Building 559 (Operable Unit OU09, Individual Hazardous Substance Site IHSS 159, 500-159); Tank 7, Original Process Waste Lines (OPWL) Active Process Waste Pit (OU09, IHSS 121, 000-121); Tank 33, OPWL Process Waste Tank (OU09, IHSS 121, 000-121); Tank 34, OPWL Process Waste Tank (OU09, IHSS 121, 000-121); Tank 35, OPWL Building 561 Concrete Floor Sump (OU09, IHSS 121, 000-121)
<u>IA</u> <u>A</u> <u>INFO</u> 09/01/2001 0 Pages PUBLIC	YES, ROUTINE Ref: B559-A-000017, RLCR <u>Author(s)</u> RISS, D&D GROUP	<u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: RISS Facility Characterization Historical Site Assessment (HSA) Report, September 2001. Building 559 is the main structure in the 559 Cluster and was constructed in 1967. In 1969 an Annex to Room 103 and a dock was added. In 1972 an addition was added that included the women's locker rooms, and a lunchroom. This anticipated Type 2 building is referred to as the "Plutonium Laboratory" because it supported the Pu Production Operations through analyzing samples related to production, environmental monitoring and waste characterization. This building is currently operational and provides analytical support for the Decontamination and Decommissioning (D&D) of the Pu buildings.
<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 0 Pages PRELIM	N/A <u>Author(s)</u> DELLAGUARDIA, GARY	<u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 528 - Process Waste Pit (B559) Low Level Liquid RISS D&D 528, RISS Area: 4; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A

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<u>IA A INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 559 - Plutonium Analytical Lab RISS D&D 559, RISS Area: 4; Group-N/A, Cluster: 559, 561, 528 Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type 2
<u>IA A INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 559A - Accountability Board Shelter RISS D&D 559A, RISS Area: 4; Group-N/A, Cluster: 559 Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A
<u>IA A INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 559 Tunnel - 559-561 Tunnel RISS D&D 559 Tunnel, RISS Area: 4; Group-N/A, Cluster: 559 Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A
<u>IA A INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 560 - Cooling Tower - B559 RISS D&D 560, RISS Area: 4; Group-N/A, Cluster: 559 Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A [Demolised 11/27/01]
<u>IA A INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. 561 - Filter Plenum - B559 RISS D&D 561, RISS Area: 4; Group-N/A, Cluster: 559, 561, 528 Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type 2

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<div>IA A INFO</div> <div>02/04/2002</div> <div>0 Pages</div> <div>PRELIM</div>	<div>Author(s)</div> <div>DELLAGUARDIA, GARY</div>	<div>N/A</div> <div>Recipient(s)</div> <div>NOTE TO FILE</div>	<div>Note to File: Property Id. 563 - Cooling Tower B559</div> <div>RISS D&D 563, RISS Area: 4; Group-N/A, Cluster: 559</div> <div>Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type 1</div>
<div>IA A INFO</div> <div>02/04/2002</div> <div>0 Pages</div> <div>PRELIM</div>	<div>Author(s)</div> <div>DELLAGUARDIA, GARY</div>	<div>N/A</div> <div>Recipient(s)</div> <div>NOTE TO FILE</div>	<div>Note to File: Property Id. 564 - Production Support Office</div> <div>RISS D&D 564, RISS Area: 4; Group-N/A, Cluster: 559</div> <div>Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type 1</div>
<div>IA A INFO</div> <div>02/04/2002</div> <div>0 Pages</div> <div>PRELIM</div>	<div>Author(s)</div> <div>DELLAGUARDIA, GARY</div>	<div>N/A</div> <div>Recipient(s)</div> <div>NOTE TO FILE</div>	<div>Note to File: Property Id. TK-14 - Storage Tank (No. 2 Diesel) (replacement for UST 14/Tank 130) (NE of 559)</div> <div>RISS D&D TK-14, RISS Area: 4; Group-N/A, Cluster: N/A</div> <div>Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A</div>
<div>IA A INFO</div> <div>02/04/2002</div> <div>0 Pages</div> <div>PRELIM</div>	<div>Author(s)</div> <div>DELLAGUARDIA, GARY</div>	<div>N/A</div> <div>Recipient(s)</div> <div>NOTE TO FILE</div>	<div>Note to File: Property Id. Tank 128 - Liquid Nitrogen Storage Tank (southeast corner of 559) NDT 0704</div> <div>RISS D&D Tank 128, RISS Area: 4; Group-N/A, Cluster: N/A</div> <div>Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A</div>

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<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. Tank 129 - Liquid Argon Storage Tank (southwest corner of 559) NDT 0703 RISS D&D Tank 129, RISS Area: 4; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A
<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 <u>Author(s)</u> 0 Pages DELLAGUARDIA, GARY PRELIM		N/A <u>Recipient(s)</u> NOTE TO FILE	Note to File: Property Id. Tank 130 - Storage Tank - foamed in place (Diesel - UST 14) NE of 559 RISS D&D Tank 130, RISS Area: 4; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A
<u>IA</u> <u>A</u> <u>INFO</u> 09/01/2002 <u>Author(s)</u> 0 Pages ENVIRONMENTAL RESTOR PUBLIC	YES, ROUTINE	KH-01-901.UN; SW-A-004672 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: Seventh Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 2001 through August 1, 2002 Revision 0 - Asphalt Surface near Building 559 (PAC 500-906). One gallon of F001 wastewater spilled from a hose that was used to extract excess water from a tanker. The water was from the P304 sump which collects water from the exterior of the Building 559/561 tunnel and the Building 561 basement. Normally this water is released into the surface water drainage system through pumping to a footing drain system that flows by gravity. The water in question was found to exceed Segment five stream standards for some analytes, and was thus being removed by tanker. The tanker was accidentally filled beyond the level allowed. One Thousand gallons of water had been off-loaded from the tanker into drums, the hose that was used leaked some water as it was transferred back to storage. Oil-dry absorbent was used to absorb the water and was managed as RCRA regulated hazardous waste. Based upon the results on soil concentrations for potential contaminant sources, none could be identified. Therefor, in accordance with RFCA, PAC 500-

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OU01A 000625 04/07/1993 2 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ZAND, JAMES O.	93-RF-4170; JOZ-134-93 <u>Recipient(s)</u> PAUOLE, A.H.	Discusses several alternatives regarding treatment options for wastewater collected in Building 559 Dewatering Sump.
OU01A 000627 04/07/1993 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> PAUOLE, A. H.	93-RF-4170 <u>Recipient(s)</u> DODSON, MAX	Enclosure 2 - Discusses the US Department of Energy (DOE) notification of US Environmental Protection Agency (EPA) regarding changes to Influent to the Sewage Treatment Plant (STP). Also classifies wastewater as Non hazardous Waste. DOE does not view discharge of foundation drains to STP as a long-term solution.
SW 1A 000827 04/07/1993 2 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> ZAND, JAMES O.	93-RF-4170; JOZ-134-93 <u>Recipient(s)</u> PAUOLE, A.H.	Discusses several alternatives regarding treatment options for wastewater collected in Building 559 dewatering sump.
SW A 000828 04/07/1993 3 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	93-RF-4170 <u>Recipient(s)</u> DOWSETT, FREDERICK R.	Enclosure 1: Draft letter discussing use of the Sewage Treatment Plant (STP) option for treating wastewater collected near Building 559.
SW A 004355 07/01/2001 148 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	N/A <u>Recipient(s)</u> DISTRIBUTION	Draft Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Routine Soil Remediation dated July 2001. This draft addresses routine remediation of soil and associated debris at Individual Hazardous Substance Sites (IHSSs), Potential Areas of Concern (PACs), Under Building Contaminant (UBC) sites and other areas, as necessary.